

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.
UTU-74390

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

SE NW Section 7, T9S, R16E

2036' FNL, 2070' FWL

At proposed prod. zone

CONFIDENTIAL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 13.3 miles SW of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

5850'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,960' GL

22. APPROX. DATE WORK WILL START*

2/1/97

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

CONFIDENTIAL

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF-CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable RESources Energy Company as principal and Safeco Insurance Company of American as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

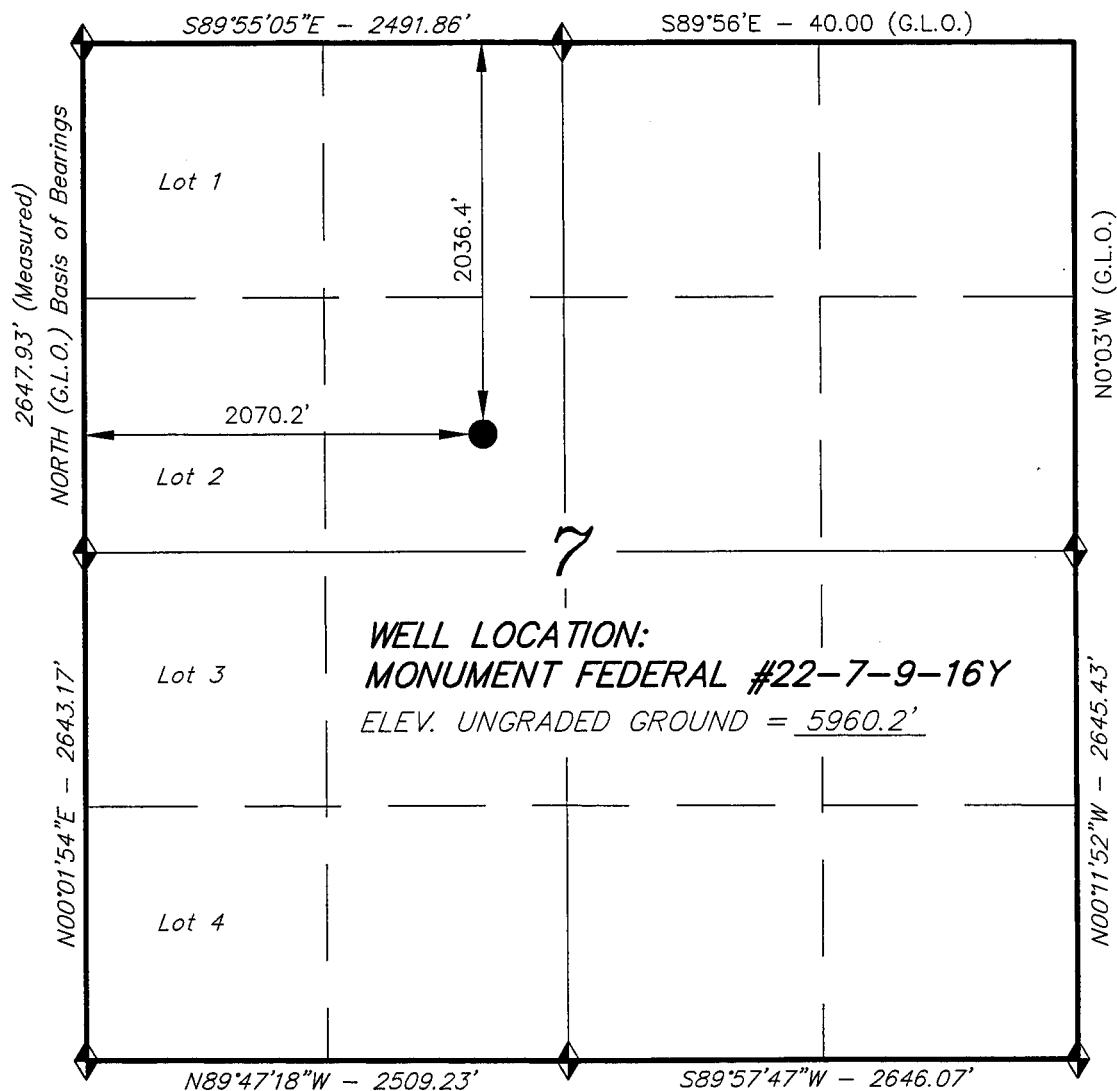
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Bobbie Schuman Regulatory and Environmental Specialist DATE January 13, 1997
SIGNED Bobbie Schuman TITLE
(This space for Federal or State office use)

PERMIT NO. 43-063-31776 APPROVAL DATE 2/4/97
APPROVED BY [Signature] TITLE Environmental Specialist
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T9S, R16E, S.L.B.&M.



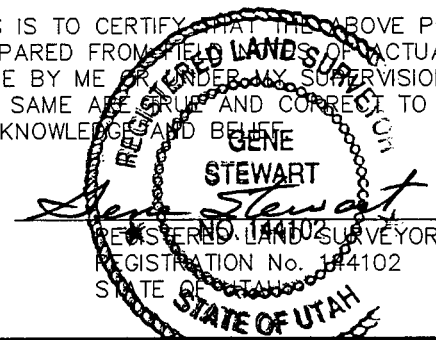
WELL LOCATION:
MONUMENT FEDERAL #22-7-9-16Y
 ELEV. UNGRADED GROUND = 5960.2'

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #22-7-9-16Y, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
 (801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S.

DATE: 12-14-96

WEATHER: COLD

NOTES:

FILE #

CONFIDENTIAL

**AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF
THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD
ALLOWED BY FEDERAL AND STATE REGULATIONS.**

**Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860
FAX: (406) 245-1361**

EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM
- M GAS GATHERING PIPELINE ROW APPLICATION
- N ARCHEOLOGICAL/PALEONTOLOGICAL CLEARANCE REPORT

9/25/96

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Western Region
Monument Federal #22-7-9-16Y
SE NW Section 7, T9S, R16E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. **ESTIMATED IMPORTANT GEOLOGICAL MARKERS:**

See Geologic Prognosis (EXHIBIT "C")

2. **ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:**

See Geologic Prognosis (EXHIBIT "C")

3. **OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.

- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- e. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.

- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.
- c. When running 5-1/2" production casing we will install 5-1/2" pipe rams and are hereby requesting a variance on testing. We request not to test.

SURFACE USE PROGRAM
EQUITABLE RESOURCES ENERGY COMPANY
Western Region
Monument Federal #22-7-9-16Y
SE NW Section 7 T9S, R16E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. EXISTING ROADS:

- a. From Myton, Utah, take Highway #40 west out of town 1.6 miles to the Sand Wash road. Go south (left) on the Sand Wash road for approximately 1.7 miles to the Wells Draw road intersection. Turn right and continue along the Wells Draw road 9.5 miles to a road intersection. Turn right and proceed 0.3 miles to proposed access road sign. Follow flags 0.2 miles to location.
- b. The existing roadways need no improvements for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. PLANNED ACCESS ROADS: See EXHIBIT "F" Maps A & B

- a. Approximately 0.2 miles of new access is required.
- b. All travel will be confined to location and access routes.
- c. If a right-of-way is needed for access, please consider this Application for Permit to Drill as the application for right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. PROPOSED PRODUCTION FACILITIES DIAGRAM:
 - a. Upon completion, a sundry notice and plat showing exact production facilities will be submitted.
 - b. See EXHIBIT "J" for the Proposed Production Facility layout.
5. LOCATION AND TYPE OF WATER SUPPLY:
 - a. The drilling water source will be obtained from a private source owned by Joe Shields, Application #57708, Appropriation #47-1674, located in Section 15, T4S, R2W, Duchesne County UT.
 - b. The drilling water will be hauled by truck to the location site.
6. CONSTRUCTION ROAD/LOCATION MATERIALS:
 - a. Any construction materials which are required will be native materials from the location and/or access site.
 - b. All construction materials for this location site and access road shall be borrowed material accumulated during the construction of the site and road. No additional construction material from other sources is anticipated at this time. If additional construction material is needed, it will be from an approved source.
 - c. Reasonable precautions will be taken to protect all lands.
7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:
 - a. Garbage will be stored in a dumpster and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the reserve pit.
 - b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.

- c. The reserve pit will be lined. If a plastic nylon reinforced liner is used, it will be torn and perforated before backfilling of the reserve pit.
- d. Saltwater or testing tanks will be located and/or diked so that any spilled fluids will flow into the reserve pit. Saltwater tanks will not be placed on topsoil stockpiles.
- e. Any produced water will be contained on site for a period not to exceed 90 days.
- f. Sewage will be disposed of according to county and state requirements. Sealed chemical portable toilets will be on location during these drilling operations. Waste and chemicals will not be disposed of on location.
- g. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- d. The reserve pit and the blooie pit will be constructed as a combination pit capable of holding 12,000 bbls of fluid. The size of the pit will be approximately equivalent to four times the TD hole volume. The blooie pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the location.

- e. The reserve pit will be located on the east side of the location. It will be constructed long and narrow due to topography.
- f. If needed, flare pit will be located downwind of the prevailing wind directions a minimum of 100' from the wellhead and 30' from the reserve pit fence.
- g. Stockpiled topsoil (first 6 inches) will be stored on the south side between Corners 7 and 8.
- h. Access to the wellpad will be from the south between Corners 6 and 7.
- i. All pits will be fenced according to the following minimum standards:
 - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
 - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.
 - c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
 - d. All wire will be stretched before it is attached to the corner posts.

The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off locations. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The BLM will be notified of of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- c. A plastic nylon reinforced liner will be used, and it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured in accordance with the agreement with the private surface owner. The reserve pit will be reclaimed in accordance with agreement with the private surface owner. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

Dry hole/abandoned location:

At such time as the well is plugged and abandoned, operator will submit a subsequent report of abandonment.

11. SURFACE OWNERSHIP:

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

12. OTHER INFORMATION:

- a. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.
- b. Drilling operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.

- c. All surface disturbance and reclamation will be done in accordance with BLM conditions of approval.
- d. See EXHIBIT "M" gas gathering lines. This shows the anticipated route for the gas gathering lines at this site. If a right-of-way is necessary for these lines, consider this the application for said right-of-way.
- e. See EXHIBIT "N" archeological/palentological clearance report.

13. **Lessee's or Operator's Representative:**

Equitable Resources Energy Company, Western Region
1601 Lewis Avenue
Billings, Montana 59102
(8:00 a.m. to 5:00 p.m.)
(406) 259-7860
FAX: (406) 245-1361

Dave McCoskery, Operations Manager Home: (406) 248-3864
Mobile: (406) 698-3732

Dan Farnsworth, Production Supervisor Mobile: (801) 823-6869
Home: (801) 722-3463

14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Equitable Resources Energy Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

January 14, 1997
Date

Bobbie Schuman
Bobbie Schuman

Regulatory Specialist
Equitable Resources Energy Company



Well Prognosis

Well Name MONUMENT FEDERAL #22-7-9-16Y				Control Well	
Location SE/NW SECTION 7-T9S-R16E (2036' FNL, 2070' FWL)				Operator EREC	
County/State DUCHESNE, UTAH				Well Name MF 23-7-9-16Y	
Field MON. BUTTE		Well Type DEVELOPMENT		Location NE/SW SEC. 7-T9S-R16E	
GL (Ung)	5960	EST. KB	5970	Total Depth	5850
				KB 5996	

Formation Tops		Prognosis		Sample Top		Control Well	High/Low	
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Control	Deviation
UINTA	surface							
GREEN RIVER	1619	4351			4376			
HORSE BENCH SS	2292	3678			3703			
2ND GARDEN GULCH	4093	1877			1902			
Y-1 (PAY)	4251	1719			1744			
Y-3 (PAY)	4452	1518			1543			
YELLOW MARKER	4615	1334			1380			
DOUGLAS CREEK	4759	1211			1236			
R-1 (PAY)	4785	1185			1210			
R-2 (PAY)	4852	1118			1143			
2ND DOUGLAS CREEK	4999	971			996			
GREEN MARKER	5129	841			866			
G-5 (PAY)	5324	646			671			
G-6 (PAY)	5509	461			486			
CARBONATE MARKER	5666	304			329			
TD	5850							

Samples	DST,s	Wellsite Geologist
50' FROM 1600' TO 4200'	DST #1 NONE	Name: _____
20' FROM 4200' TO TD	DST #2 _____	From: _____ To: _____
5' THROUGH EXPECTED PAY	DST #3 _____	Address: _____
5' THROUGH DRILLING BREAKS	DST #4 _____	Phone # _____ wk.
		hm.

Logs	Cores	Mud Logger
DLL FROM SURF CSNG TO TD	Core #1 NONE	Company: NORTHWEST
LDT/CNL FROM 3950 TO TD	Core #2 _____	From: _____ To: TD
	Core #3 _____	Type: 2 MAN
	Core #4 _____	Logger: _____

Comments:

Report To:	1st Name: DAVE BICKERSTAFF	Phone # (406) 259-7860	wk. (406)245-2261	hm.
	2nd Name: KEVEN REINSCHMIDT	Phone # (406) 259-7860	wk. (406)248-7026	hm.
Prepared By:	BICKERSTAFF 1/96	Phone # _____	wk. _____	hm. _____



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

D
p. 1 of 2

DRILLING PROGRAM

WELL NAME: Monument Federal #22-7-9-16Y
PROSPECT/FIELD: Monument Butte
LOCATION: SE NW Section 7 Twn.9S Rge.16E
COUNTY: Duchesne
STATE: Utah

DATE: 1-9-97

TOTAL DEPTH: 5850'

HOLE SIZE INTERVAL

12 1/4"	Surface to 260'
7 7/8"	260' to 5850'

CASING

INTERVAL

CASING

STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5850'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing	150 sacks class"G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surface.)
Production Casing	205 sacks 28:72 Poz. (28% POZ: 72% Class"C") with 10% Gel, 6.0 lbs/sk KOL SEAL & 1/4 pps Cello Flake. (Wt.=11.09 ppg, Yd =3.30 Cu.Ft/Sk Comp. Strght @ 72 Hrs=575) Tailed with 400 sacks 50:50 POZ(50% POZ: 50% Class"G") with 2% Gel, 0.3% FL-52, 1/4 pps Cello Flakes & 2.0 pps KOL SEAL. (Wt.=14.30 ppg, Yd=1.25 Ft.Cu./Sk, Comp Strght @ 75 Hrs=2700) (Actual cement volumes to be calculated from caliper log with cement top at 2000')

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or tests are planned for this well.

EQUITABLE RESOURCES ENERGY COMPANY

D
p. 2 of 2

Operator: EREC	Well Name: Mon.Fed.22-7-9-16Y
Project ID:	Location: Duchesne, Utah

Design Parameters:

Mud weight (8.80 ppg) : 0.457 psi/ft
 Shut in surface pressure : 2089 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	5,850	5-1/2"	15.50	K-55	ST&C	5,850	4.825		
	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2674	4040	1.511	2674	4810	1.80	90.68	222	2.45 J

Prepared by : McCoskery, Billings, Montana

Date : 01-09-1997

Remarks :

Design is for a Production string.

Minimum segment length for the 5,850 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and 2,674 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

EXHIBIT "E"

- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

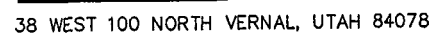
We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

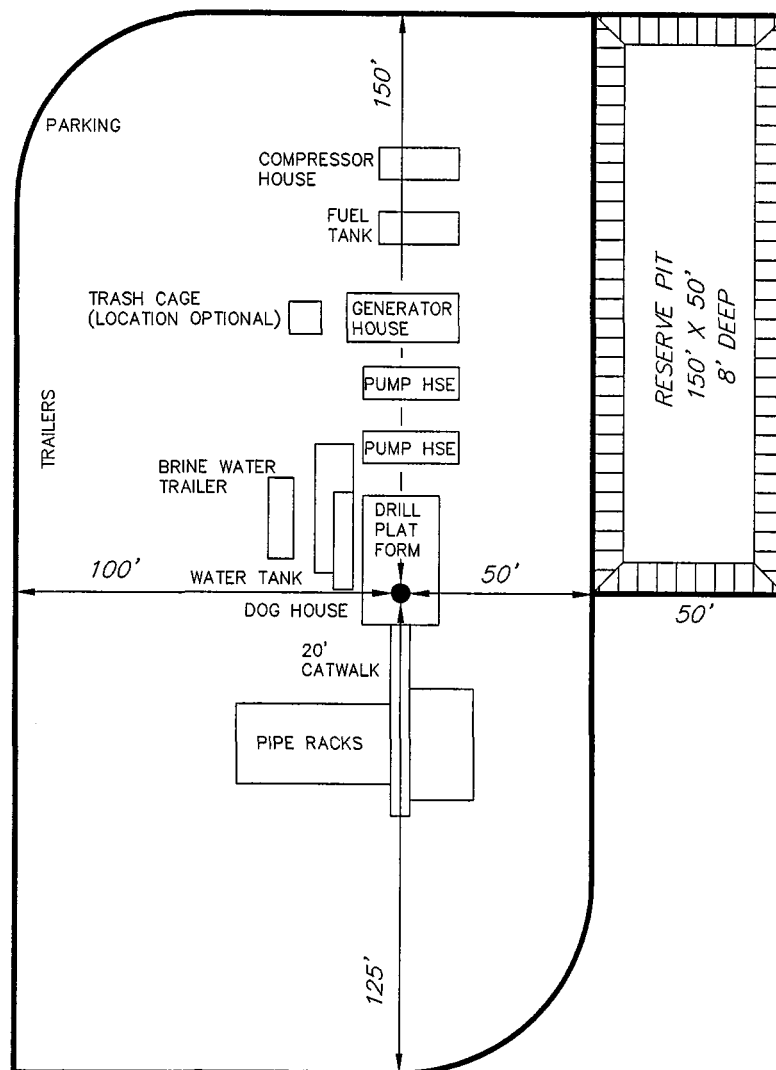
3/28/95

/rs



G

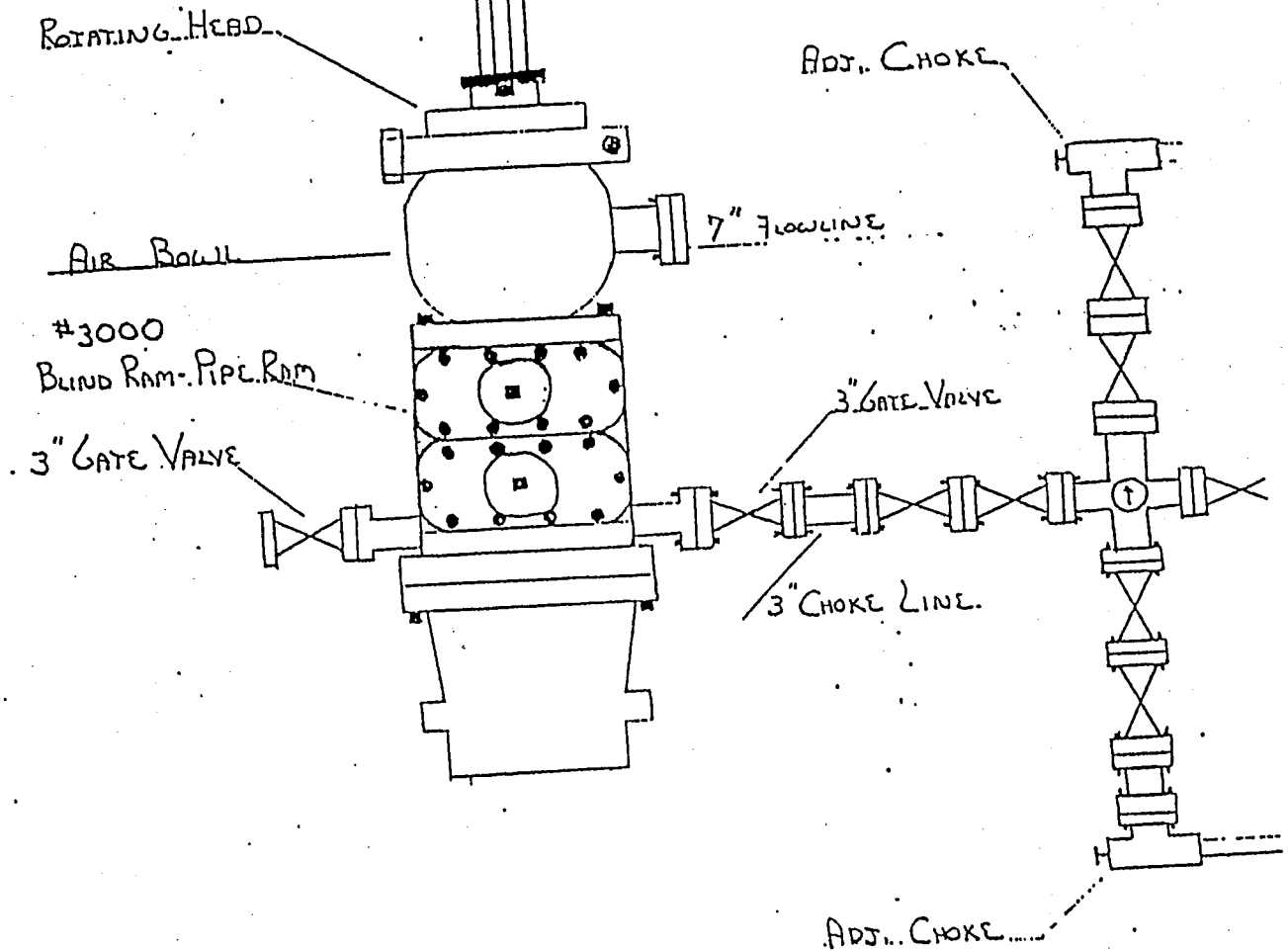
TYPICAL RIG LAYOUT
MONUMENT FEDERAL #22-7-9-16Y



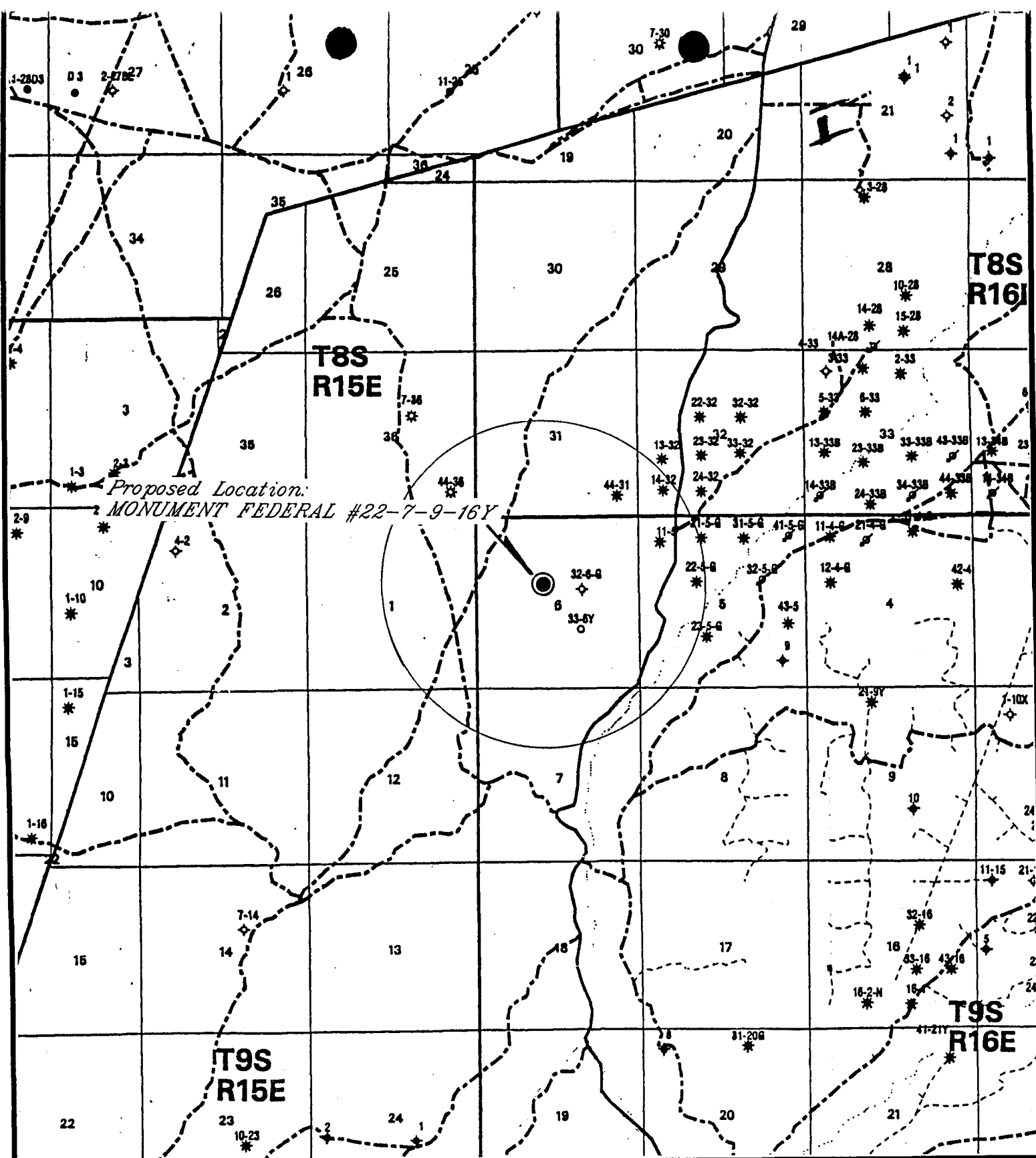
Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH, VERNAL, UTAH 84078

UNION DRILLING RIG #17

Hex Kelly

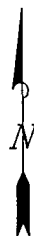


#3000 STACK



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #22-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.
TOPO "C"



Tri State
Land Surveying, Inc.

(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

J

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

DIKE

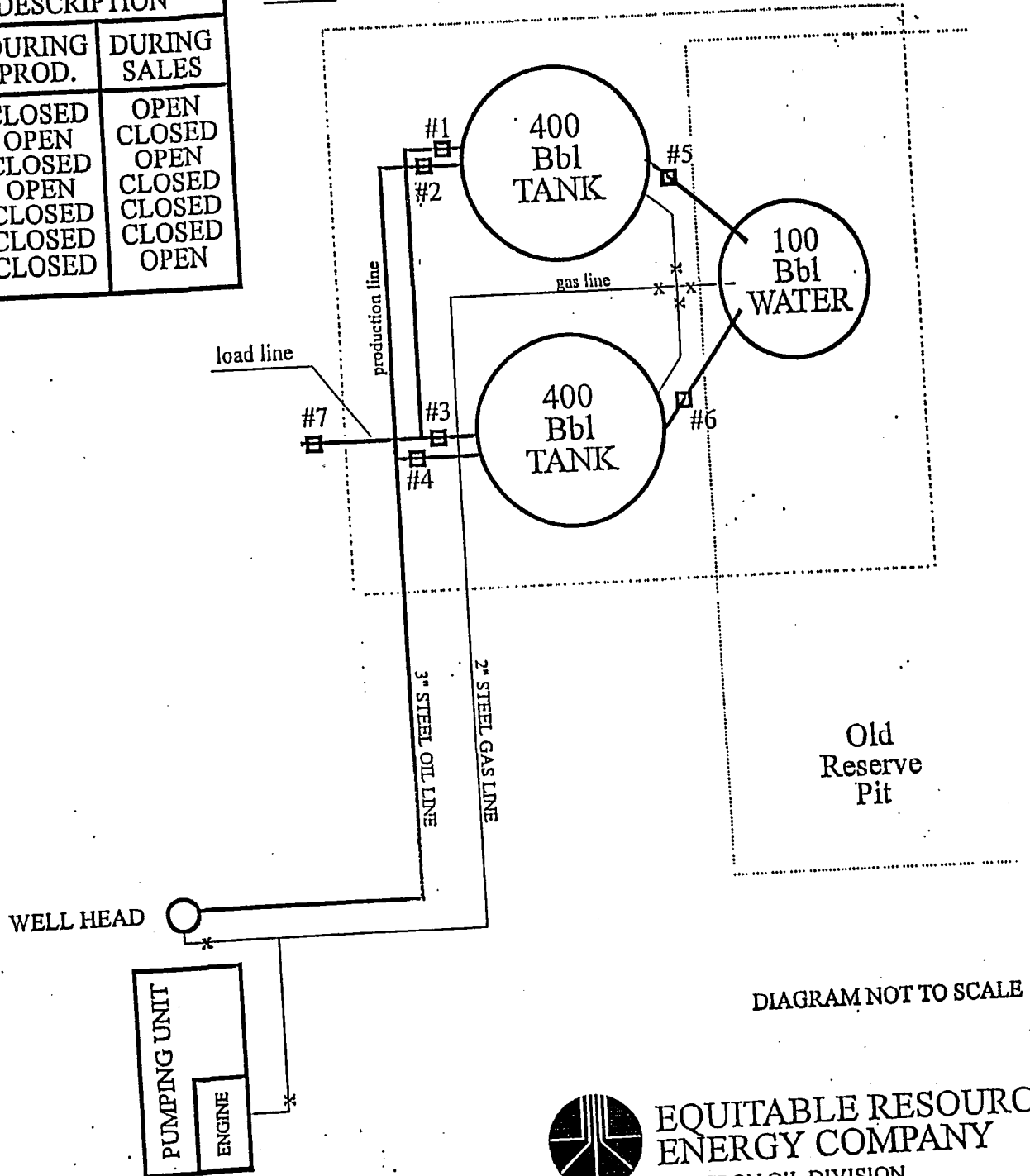


DIAGRAM NOT TO SCALE

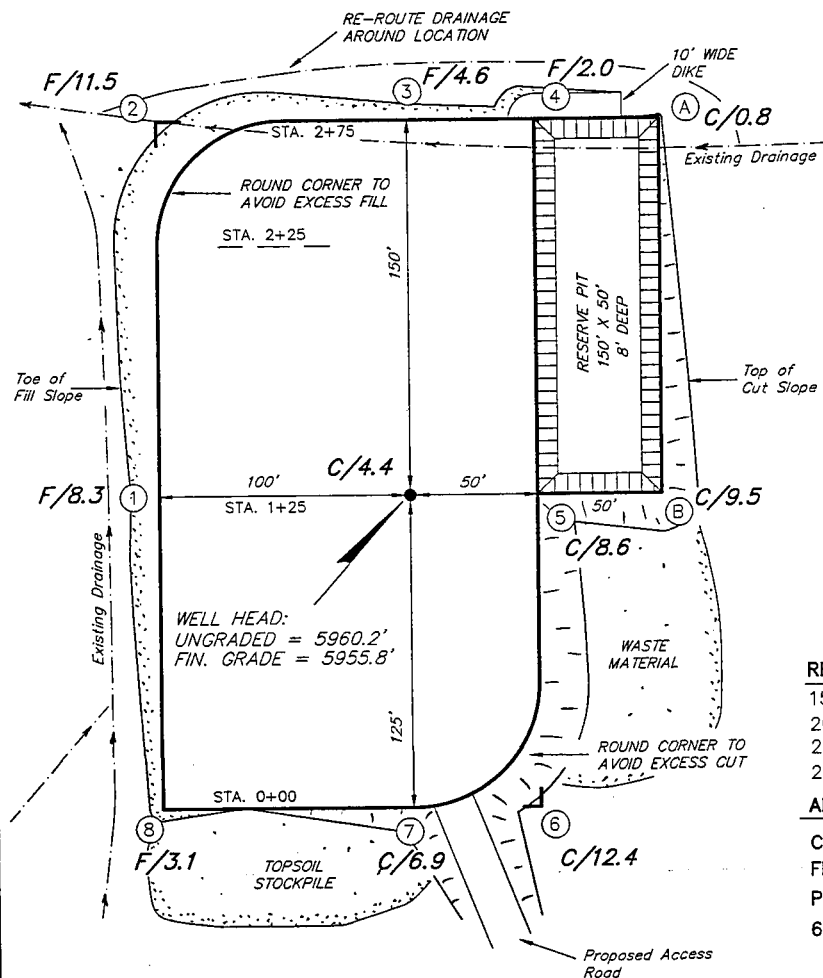


EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59104-2
(406) 259-7860

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #22-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.

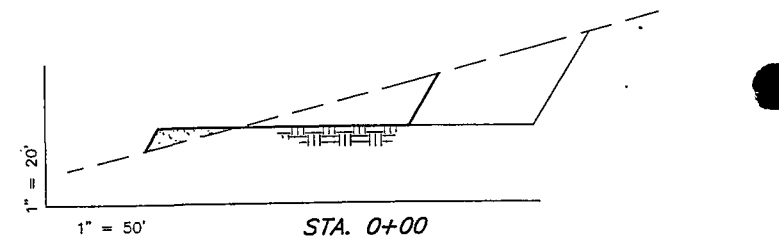
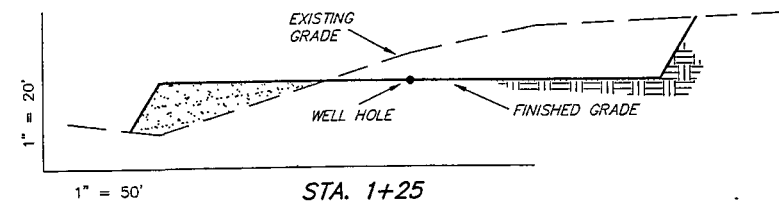
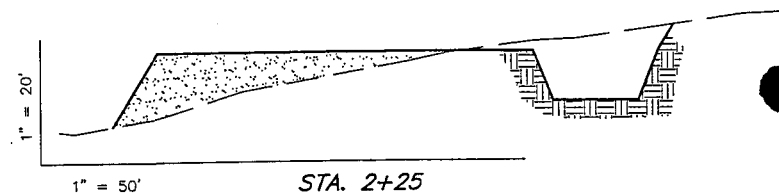
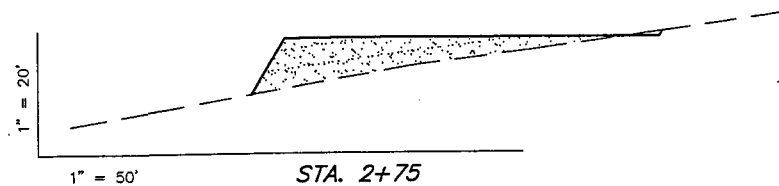


REFERENCE POINTS

150' NORTHWEST = 5950.0'
200' NORTHWEST = 5957.6'
200' NORTHEAST = 5953.0'
250' NORTHEAST = 5953.0'

APPROXIMATE YARDAGES

CUT = 4,530 Cu. Yds.
FILL = 4,510 Cu. Yds.
PIT = 1,770 Cu. Yds.
6" TOPSOIL = 910 Cu. Yds.



SURVEYED BY: G.S.

DRAWN BY: J.R.S.

DATE: 12-14-96

SCALE: 1" = 50'

FILE:

Tri State
Land Surveying, Inc.

(801) 781-2501

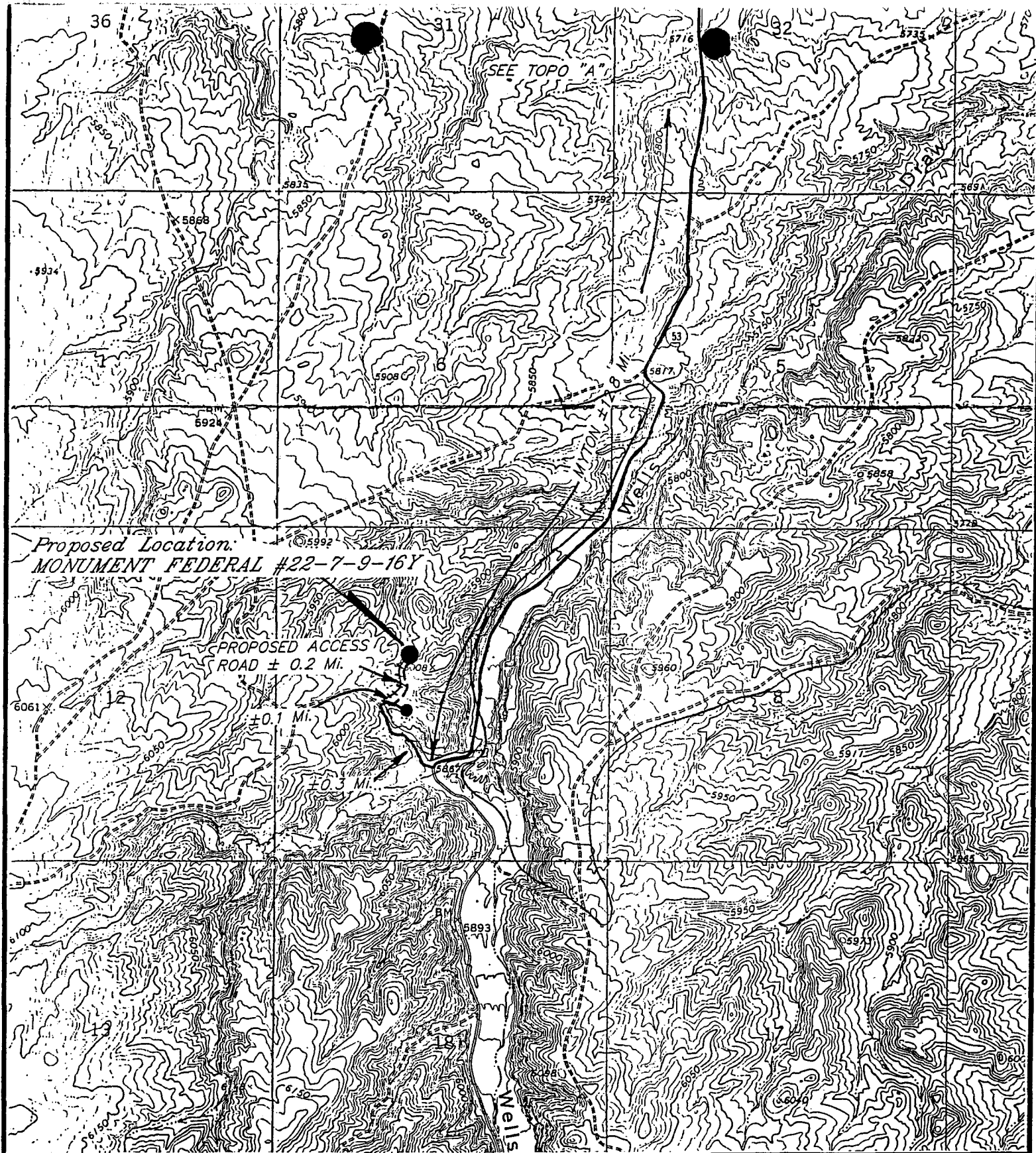
38 WEST 100 NORTH VERNAL, UTAH 84078

APPLICATION FOR PIPELINE RIGHT-OF-WAY

Please consider this Application for Permit to Drill also as an application for the pipeline (gas gathering system) Right-of-Way for this prospective well. See attached map for the pipeline route. The gas line will be a polyurethane surface line.

Please advise of the costs associated with this Right-of-Way and a check will be forthcoming.

Route will follow existing roads where feasible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.



GAS GATHERING LINES

Monument Federal #22-7-9-16Y

Section 7, T9S, R16E



EQUITABLE RESOURCES
ENERGY COMPANY
 WESTERN REGION



+++++ proposed poly gas line

— existing poly gas line

SCALE: 1" = 2000'

N

CULTURAL RESOURCE INVENTORIES OF
EQUITABLE RESOURCES MONUMENT FEDERAL
SIXTEEN WELL LOCATIONS IN THE
WELLS DRAW LOCALITY, DUCHESNE COUNTY, UTAH

by

Keith R. Montgomery
and
Jacki A. Montgomery

CULTURAL RESOURCE INVENTORIES OF EQUITABLE RESOURCES
MONUMENT FEDERAL SIXTEEN WELL LOCATIONS IN THE
WELLS DRAW LOCALITY, DUCHESNE COUNTY, UTAH

by

Keith R. Montgomery
and
Jacki A. Montgomery

Prepared For:

Bureau of Land Management
Diamond Mountain Resource Area
Vernal District

Prepared Under Contract With:

Equitable Resources Energy Company
1601 Lewis Ave
Billings, Montana 59102

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

December 27, 1996

United States Department of Interior (FLPMA)
Permit No. 96-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-96-MQ-0703,b

ABSTRACT

In December 1996, cultural resource inventories of sixteen proposed well locations and access roads were performed by Montgomery Archaeological Consultants for Equitable Resource's Monument Federal project. The project area is situated in the Pleasant Valley area of the Uinta Basin, on both sides of Wells Draw. A total of 190 acres was inventoried for cultural and paleontological resources located on public lands administered by the BLM Diamond Mountain Resource Area, Vernal District.

The archaeological survey resulted in the documentation of two historic trash scatters (42Dc1054 and 42Dc1055) which represent temporary livestock (sheep) camps. In addition six prehistoric and historic isolated finds of artifacts were documented. No paleontological resources were identified in the project area. The two historic trash scatters are not recommended for inclusion to the NRHP. These sites represent short-term camps lacking cultural features and potential for subsurface artifacts. The six prehistoric and historic isolated finds of artifacts are not considered eligible to the NRHP, since they lack additional research potential.

Based on these findings, a determination of "no effect" is recommended for this project pursuant to Section 106, CFR 800.

TABLE OF CONTENTS

ABSTRACT	i
TABLE OF CONTENTS	ii
LIST OF FIGURES	ii
INTRODUCTION	1
DESCRIPTION OF THE PROJECT AREA	1
SURVEY METHODOLOGY	3
INVENTORY RESULTS	4
NATIONAL REGISTER OF HISTORIC PLACES EVALUATION	7
SUMMARY AND RECOMMENDATIONS	7
REFERENCES CITED	8
APPENDIX A: 42Dc1054 and 42Dc1055 INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS) SITE FORMS	9

LIST OF FIGURES

1. Equitable Resources Monument Federal Well Locations and Access Road Showing Cultural Resources	2
2. 42Dc1054 Site Map	5
3. 42Dc1055 Site Map	6

LIST OF TABLES

1. Monument Federal Well Location Descriptions	3
--	---

INTRODUCTION

In December, 1996, cultural resource inventories were conducted by Montgomery Archaeological Consultants for sixteen proposed well locations and associated access roads. The project area is designated as the Monument Federal Wells Draw locality, situated in Duchesne County, Utah. The survey was implemented at the request of Ms. Bobbie Schumann, Regulatory and Environmental Specialist, Equitable Resources Energy Company, Billings, Montana. The project area occurs on public land administered by the Bureau of Land Management (BLM), Diamond Mountain Resource Area, Vernal District.

The objective of the inventories was to locate, document and evaluate any cultural resources and paleontological localities within the project area pursuant to a determination of "no effect" to historic properties in accord with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventories were implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Historic Preservation Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979 and the American Indian Religious Freedom Act of 1978.

The fieldwork was performed by Keith R. Montgomery, Principal Investigator for Montgomery Archaeological Consultants under the auspices of U.S.D.I. (FLPMA) Permit No. 96-UT-60122 and State of Utah Antiquities Project (Survey) No. U-96-MQ-0703b. File searches for previous projects and documented cultural resources and paleontological localities were conducted at the BLM Vernal District office on December 20, 1996. This consultation indicated that several inventories have been completed within one mile of the project area (Alexander 1985; Hartley 1984; Hauck 1982, 1984, 1996; Hauck and Hayden 1993, 1995; Polk 1989; Tate 1984; Weymouth and Langley 1996). Documented prehistoric sites in the vicinity consist mainly of small lithic scatters, some containing chipped stone tools, (42Dc344, 42Dc388, 42Dc538, 42Dc586) and a desert pavement quarry (42Dc587). Only one recorded site contained ceramic sherds (42Dc938), and features (e.g. hearths or slab-lined features) were documented at two sites (42Dc533 and 42Dc537) in the area. Historic sites recorded in the vicinity include a small trash scatter interpreted as transient sheep camps (42Dc389 and 42Dc794) and a sandstone benchmark monument (42Dc984). No cultural resources or paleontological localities have been documented within the immediate project area. Also no sites listed on the National Register of Historic Places (NRHP) occur in the project area.

DESCRIPTION OF PROJECT AREA

The project area lies in the Pleasant Valley area of the Uinta Basin, approximately 11 miles south of Myton, Utah. Topographically, this area consists of highly dissected sandstone and mudstone rock formations and broad sandy silt ridges. Wells Draw, a broad drainage with sandstone and siltstone rimrock formations to the north and low terraces to the south, dissects the project area. The elevation ranges from 5750 ft up to 6080 ft. Wells Draw is a major ephemeral source which flows in a southerly direction through the area. The project area lies within the Upper Sonoran vegetation zone, dominated by a shadscale community intermixed with low sagebrush, snakeweed, prickly pear cactus and a variety of low grasses. Modern disturbances to the landscape include well locations, access roads, pipelines, and livestock grazing.

The inventory area consists of 16 proposed well locations and access roads (Figure 1 and Table 1). The legal description for the project area is T. 8S., R. 16E., S. 31; T. 9S., R. 15E. S. 1 and T. 9S., R. 16E., S. 5, 6, 7, 8, 17 and 18. The land status is public land administered by the BLM, Diamond Mountain Resource Area, Vernal District.

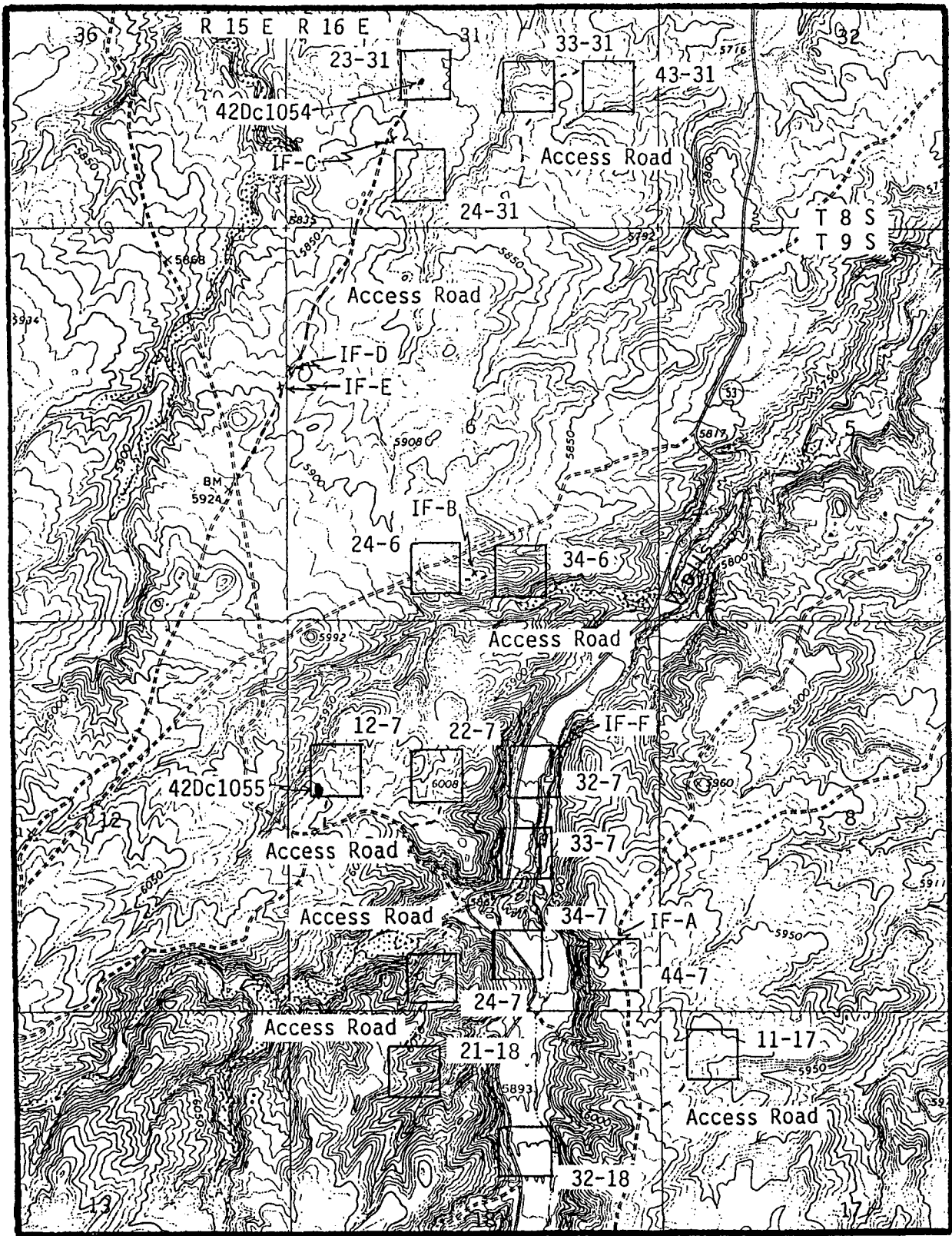


Figure 1. Equitable Resources Monument Federal Well Locations and Access Roads showing Cultural Resources. USGS Myton SW, UT 7.5', 1964. Scale 1:24000.

Table 1. Monument Federal Well Location Descriptions

Well Number	Legal Location	Location at Surface	Access Road	Cultural Resources
23-31-8-16Y	T8S R16E S31 NE/SW	1980.0' FSL 1826.0' FWL	1150 feet	42Dc1054, IF-C
33-31-8-16Y	T8S R16E S31 NW/SE	1956.7' FSL 1809.5' FEL	1050 feet	None
43-31-8-16Y	T8S R16E S31 NE/SE	1980.0' FSL 660.0' FEL	400 feet	None
24-31-8-16Y	T8S R16E S31 SE/SW	681.8' FSL 1831.6' FEL	4800 feet	IF-D, IF-E
24-6-9-16Y	T9S R16E S6 SE/SW	716.6' FSL 2118.2' FWL	1800 feet	None
34-6-9-16Y	T9S R16E S6 SW/SE	660.0' FSL 1980.0' FEL	400 feet	IF-B
12-7-9-16Y	T9S R16E S7 SW/NW	1980.0' FNL 660.0' FWL	400 feet	42Dc1055
22-7-9-16Y	T9S R16E S7 SE/NW	2036.4' FNL 2070.2' FWL	600 feet	None
32-7-9-16Y	T9S R16E S7 SW/NE	2047.7' FNL 1769.1' FEL	None	IF-F
33-7-9-16Y	T9S R16E S7 NW/SE	2131.0' FSL 1909.6' FEL	None	None
24-7-9-16Y	T9S R16E S7 SE/SW	516.8' FSL 1951.8' FWL	950 feet	None
34-7-9-16Y	T9S R16E S7 SW/SE	750.9' FSL 2080.0' FEL	None	None
44-7-9-16Y	T9S R16E S7 SE/SE	660.0' FSL 660.0' FEL	None	IF-A
21-18-9-16Y	T9S R16E S18 NE/NW	859.1' FNL 1659.7' FWL	750 feet	None
32-18-9-16Y	T9S R16E S18 SW/NE	1966.0' FNL 1910.3' FEL	None	None
11-17-9-16Y	T9S R16E S17 NW/NW	575.6' FNL 640.3' FWL	900 feet	None

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At each of the sixteen proposed well locations, a 10 acre square was defined, centered on the well pad center stake. The interiors of the well locations were examined for cultural and paleontological resources by the archaeologist walking parallel transects spaced no more than 10 m apart. The access roads were surveyed to a 100 foot (30 m) width by walking parallel transects along the staked centerline, spaced no more than 10 m apart. Ground visibility was excellent. The acreage for the proposed well locations consisted of 160 acres, and 2.5 miles (30 acres) of access road was surveyed. A total of 190 acres was inventoried for this project.

Cultural resources were recorded as an archaeological site or isolated find of artifact. Archaeological sites were defined as spatially definable areas with features and/or ten or more artifacts. Sites were documented by the archaeologist walking transects across the site, spaced no more than 3 m apart, and marking the locations of cultural materials with pinflags. This procedure allowed clear definition of site boundaries and artifact concentrations. At the completion of the surface inspection, a Brunton compass was employed to point-provenience diagnostic artifacts and other relevant features in reference to the site datum, a steel rebar stamped with a temporary site number. Archaeological sites were plotted on a 7.5' USGS quadrangle, photographed, with site data entered on an Intermountain Antiquities Computer System (IMACS, 1990 version) inventory form (Appendix A). Isolated finds are defined as individual artifacts or light scatter of items, which lack sufficient material culture to warrant IMACS forms, or to derive interpretation of human behavior in a cultural and temporal context. All isolated artifacts were plotted on a 7.5' USGS map and are described in this report.

INVENTORY RESULTS

The inventory of the sixteen proposed well locations and associated access roads resulted in the documentation of two newly-found archaeological sites (42Dc1054 and 42Dc1055), and six isolated finds of artifacts (IF-A through IF-F)

Smithsonian Site No.: 42Dc1054
Temporary Site No.: ERMF K/1
Well Location: Monument Federal 23-31-8-16Y
Legal Description: T. 8S, R. 16E, S. 31, CT/NE/SW
Jurisdiction: BLM, Diamond Mountain Resource Area
Description: This is a small trash scatter situated on a ridge crest west of Wells Draw (Figure 1). The site measures 16 m NW-SE by 10 m NE-SW (Figure 2). It appears to have been a temporary livestock (sheep) camp in which a wagon (Home on the Range) was used for cooking purposes (e.g. lack of hearth at site). Historic items consist of a machine forged horse shoe, hole-in-top and hole-in-cap tin cans, sanitary cans, and flat sided and round tobacco cans. The estimated time range is 1900 to 1920s.

Smithsonian Site No.: 42Dc1055
Temporary Site No.: ERMF K/2
Well Location: Monument Federal 12-7-9-16Y
Legal Description: T. 9S, R. 16E, S. 7, SW/SW/NW
Jurisdiction: BLM, Diamond Mountain Resource Area
Description: This is a medium size trash scatter situated at the base of a ridge, west of Wells Draw (Figure 1). The site measures 70 m north-south by 80 m east-west (Figure 3). It appears to have been a short term livestock (sheep) camp in which a wagon (Home on the Range) was used for cooking purposes. Historic items include numerous sanitary evaporated milk cans, several sanitary fruit cans, a coffee can, and a broken purple glass whiskey bottle ("HAYNER WHISKEY"). The occupational span of the site was between 1904 and 1914.

Isolated Finds of Artifacts

Isolated Find A (IF-A) is located in the NW, SE, SE of S. 7, T. 9S., R. 15E. (UTM 572100E and 4432380N). It is a brown semi-translucent chert secondary flake. Isolated Find B (IF-B) is located in the NW, SW, SE of S. 6, T. 9S., R. 16E. (UTM 571570E and 4433950N). It consists of a Hole-in-top cut around can (4 in. high, 4 3/4 in. diameter) and a evaporated milk sanitary can (4 5/16 high, 2 15/16 in. diameter) with a 3/4 in. diameter cap. Isolated Find C (IF-C) is located in the NW, SE, SW of S. 31, T. 9S., R. 16E. (UTM 571200E and 4435780N). It is the midsection of a dark brown semi-translucent chert Stage IV biface displaying oblique parallel flaking, a lateral bend fracture and a lateral perverse fracture. It measures 3.8 cm (incomplete) by 2.9 cm by 0.6 cm. Isolated Find D (IF-D) is located in the NW, SW, NW of S. 6, T. 9S., R. 16E. (UTM 570800E and 4434820N) and consists of a white opaque secondary flake. Isolated Find E (IF-E) is located in the SE, SE, NE of S. 17, T. 9S., R. 15E. (UTM 570750E

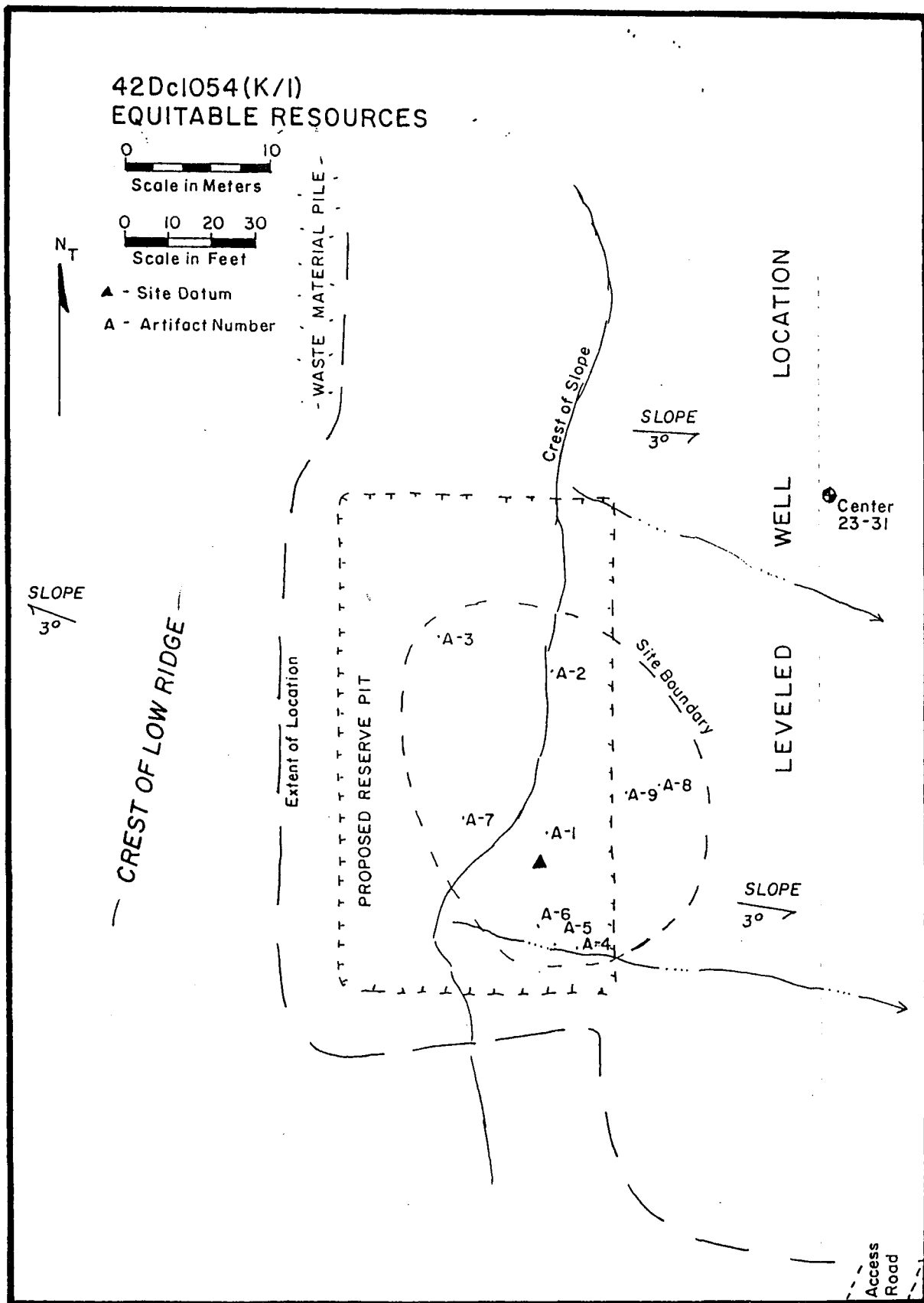


Figure 2. Site 42Dc1054 Map.

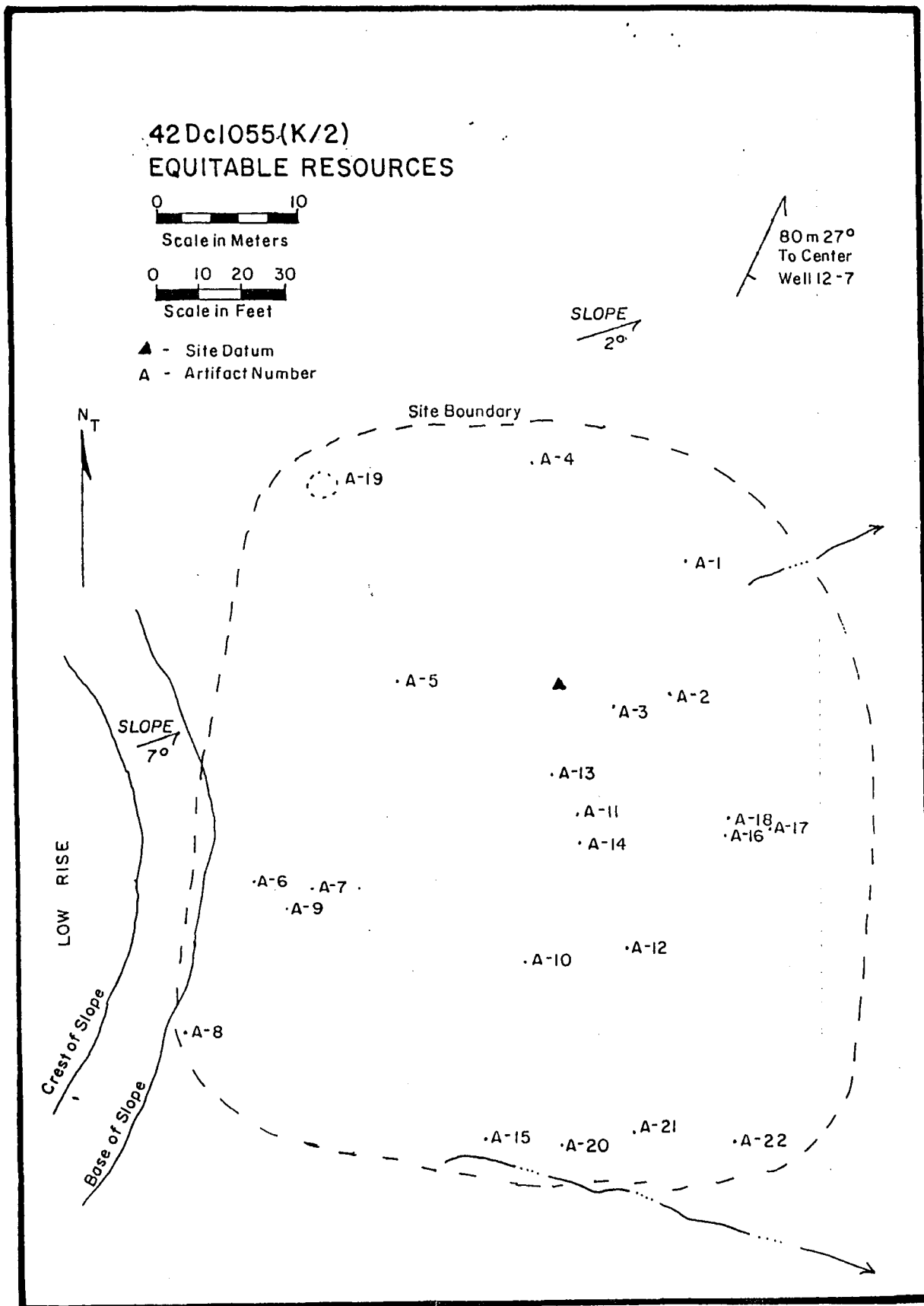


Figure 3. Site 42Dc1055 Map.

and 4433240N). It consists of 20 pieces of a clear quart canning jar and a zinc lid with a porcelain insert. Isolated Find F (IF-F) is located in the NE, SW, SE of S. 7, T. 8S., R. 16E. (UTM 571900E and 4433240N) and is a Hole-in-cap cut around smashed can.

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:

- a)...are associated with events that have made a significant contribution to the broad patterns of our history; or
- b)...are associated with the lives of persons significant to our past; or
- c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- d)...have yielded or may be likely to yield information important in prehistory or history.

The inventory of the sixteen Equitable Resources well locations and access road resulted in the documentation of two historic sites (42DC1054 and 42DC1055), and six isolated finds of artifacts. No paleontological resources were identified in the project area. The two historic trash scatters are evaluated as not eligible for inclusion to the NRHP. These sites represent short-term camps lacking cultural features and potential for subsurface artifacts. As well, the historic sites lack important information pertaining to the history of the region. The six prehistoric and historic isolated finds of artifacts are not considered eligible to the NRHP, since they lack additional research potential.

SUMMARY AND RECOMMENDATIONS

The inventory of Equitable Resource's Monument Federal sixteen drill locations resulted in the recordation of two historic trash scatters as well as six prehistoric and historic isolated finds of artifacts. No paleontological localities were observed in the project area. Sites 42Dc1054 and 42Dc1055 are evaluated as not eligible to the NRHP. Based on these findings, a determination of "no effect" is recommended for this project pursuant to Section 106, CFR 800.

References Cited

- Alexander, Robert
1985 Archaeological Survey of Roseland Federal 11-5, Duchesne County, Utah. Grand River Consultants, Colorado. BLM Report No. U-85-GB-703.
- Hartley, John D.
1984 Archaeological Survey for Lomax Exploration Company's Antelope Canyon Federal 4-23, Duchesne County, Utah. BLM Report No. 013-229.
- Hauck, F.R.
1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. 013-251.
- 1984 Cultural Resource Evaluation of the Phillips Petroleum Pipeline Corridor in the Antelope Canyon, Wells Draw and Pariette Bench Localities, Duchesne County, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. 013-251.
- 1996 Cultural Resource Evaluation of Thirteen Proposed Well Locations and Access Routes in the Castle Peak Draw Locality of Duchesne & Uintah Counties, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. U-95-AF-773.
- Hauck, F.R. and Glade V. Hayden
1993 Cultural Resource Evaluation of Four Proposed Wells in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. U-93-AF-655.
- 1995 Cultural Resource Evaluation of a Series of Proposed Water Return Pipeline Routes in the Castle Peak Draw Locality of Duchesne County, Utah. Archeological-Environmental Research Corporation, Bountiful.
- Polk, Michael R.
1989 A Cultural Resources Survey of Two NGC Energy Well Pads Near Wells Draw, Duchesne County, Utah. Sagebrush Archaeological Consultants, Ogden, Utah. BLM Report No. U-89-SJ-097.
- Tate, Marcia J.
1984 Archaeological Survey of Damson Oil Corporation Federal #22-12, Duchesne County, Utah. Powers Elevation, Golden, Colorado. BLM Report No. 013-152.
- Weymouth, Heather M. and Lynita S. Langley
1996 A Cultural Resources Survey of Inland Resources Pipeline Group 2: Segment 3, Duchesne County, Utah. Sagebrush Archaeological Consultants, Ogden, Utah. BLM Report No. U-96-SJ-076.

APPENDIX A

INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS)
SITE INVENTORY FORMS

On File At:

Utah Division of State History
Salt Lake City, Utah

and

U.S. Bureau of Land Management
Diamond Mountain Resource Area
Vernal, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.
UTU-74390

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a

7. UNIT AGREEMENT NAME
n/a UTU 72086A

8. FARM OR LEASE NAME
Monument Federal

9. WELL NO.
#22-7-9-16Y

10. FIELD AND POOL, OR WILDCAT
Mon. Butte/Grn River

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 7, T9S, R16E

12. COUNTY OR PARISH 13. STATE
Duchesne UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Equitable Resources Energy Company N9890

3. ADDRESS OF OPERATOR
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface SE NW Section 7, T9S, R16E 2036' FNL, 2070' FWL
At proposed prod. zone 630 630

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 13.3 miles SW of Myton, Utah

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,960' GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF-CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable RESources Energy Company as principal and Safeco Insurance Company of American as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE January 13, 1997

(This space for Federal or State office use)

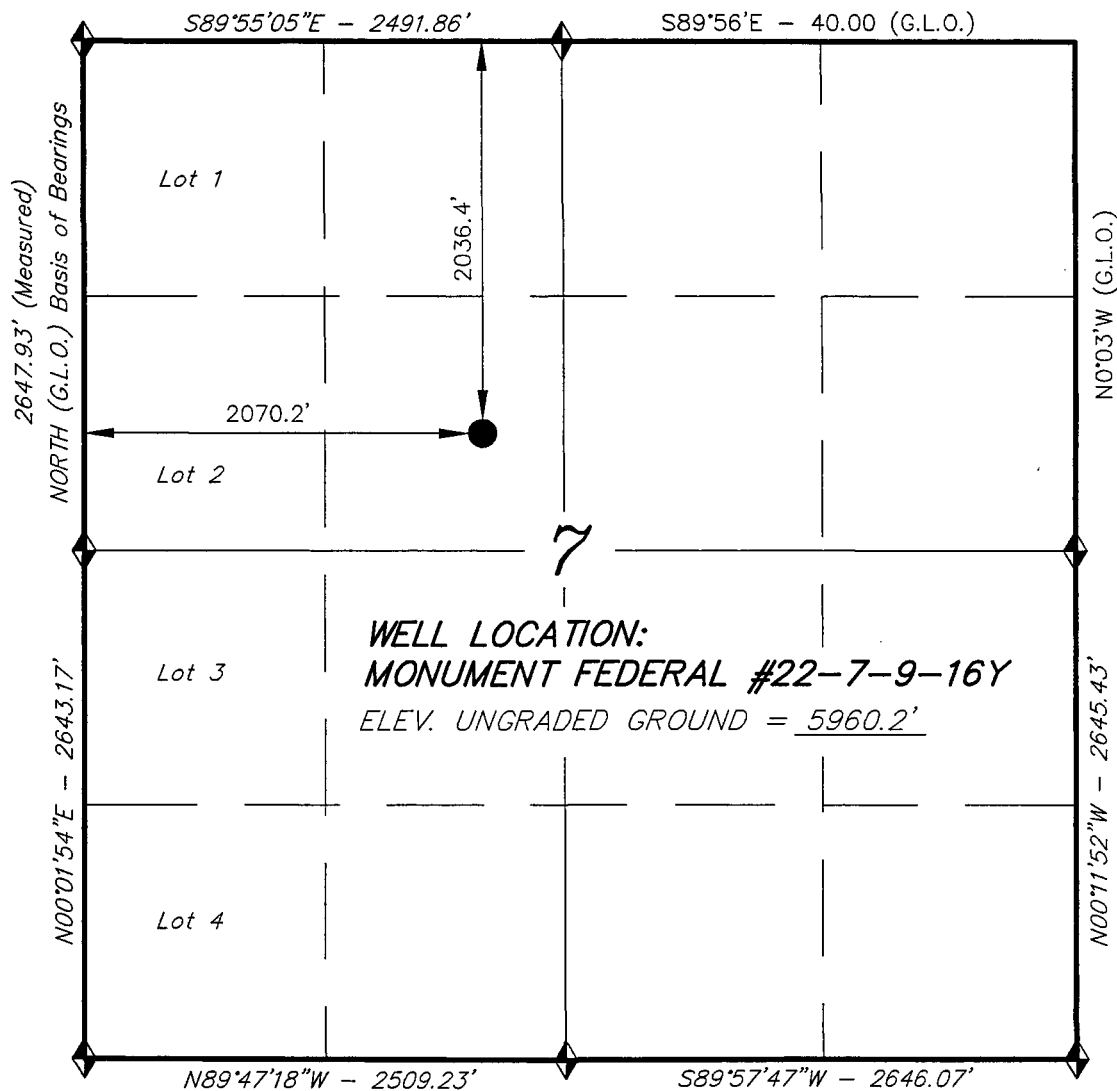
PERMIT NO. 43-013-31776 APPROVAL DATE 2/4/97

APPROVED BY [Signature] TITLE _____ DATE 2/4/97
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T9S, R16E, S.L.B.&M.

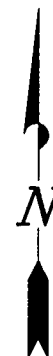


◆ = SECTION CORNERS LOCATED

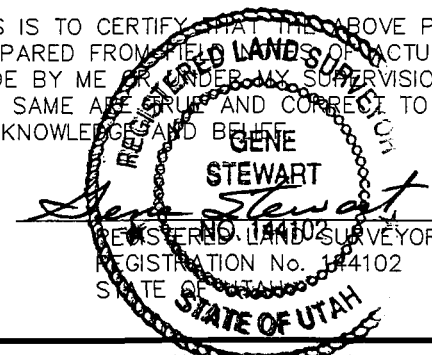
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #22-7-9-16Y, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000' SURVEYED BY: G.S.

DATE: 12-14-96 WEATHER: COLD

NOTES: FILE #

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/15/97

API NO. ASSIGNED: 43-013-31776

WELL NAME: MON FED 22-7-9-16Y

OPERATOR: EQUITABLE RESOURCES CO (N9890)

PROPOSED LOCATION:

SENW 07 - T09S - R16E

SURFACE: 2036-FNL-2070-FWL

BOTTOM: 2036-FNL-2070-FWL

DUCHESNE COUNTY

UNDESIGNATED FIELD (002)

LEASE TYPE: FED

LEASE NUMBER: UTU-74390

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal [☒ State[] Fee[]
(Number 117 6576)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number 47-1674)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

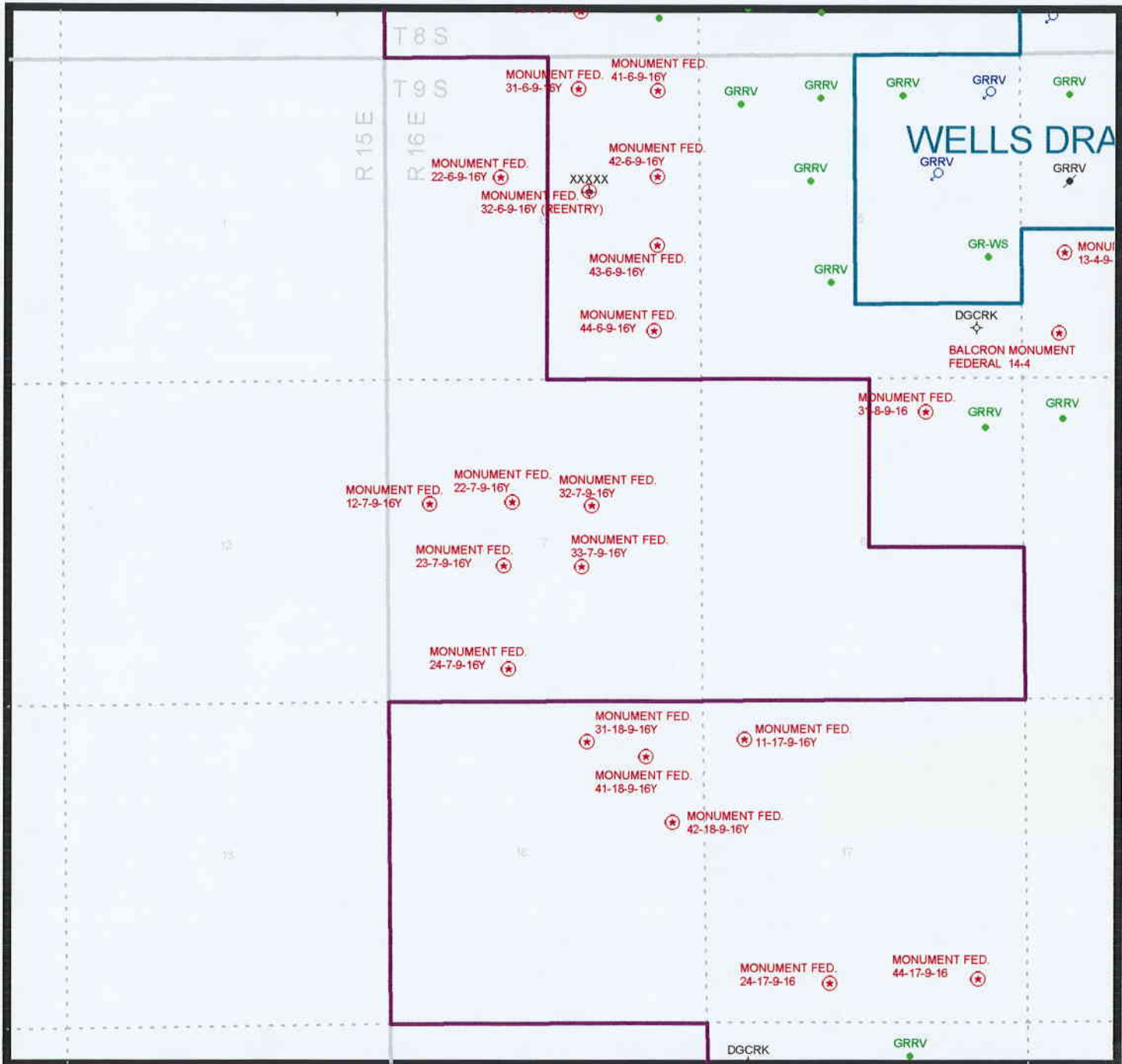
___ R649-2-3. Unit: _____
☒ R649-3-2. General.
___ R649-3-3. Exception.
___ Drilling Unit.
___ Board Cause no: _____
___ Date: _____

COMMENTS:

Confidential.
Cultural Resource Survey, 12/27/96.

STIPULATIONS:

OPERATOR: EQUITABLE RESOURCES
FIELD: UNDESIGNATED (002)
SECTION: 7, 17, T9S, R16E
COUNTY: DUCHESNE
SPACING: UAC R649-3-2



PREPARED:
DATE: 21-JAN-97



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

February 4, 1997

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

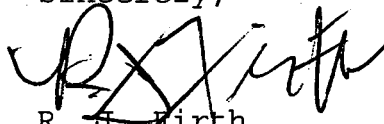
Re: Monument Federal 22-7-9-16Y Well, 2036' FNL, 2070' FWL,
SE NW, Sec. 7, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31776.

Sincerely,



R. S. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Equitable Resources Energy Company
Well Name & Number: Monument Federal 22-7-9-16Y
API Number: 43-013-31776
Lease: UTU-74390
Location: SE NW Sec. 7 T. 9 S. R. 16 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact R. J. Firth (801)538-5274 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

12/5/94
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.
UTU-74390

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Equitable Resources Energy Company

3. ADDRESS OF OPERATOR
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
SE NW Section 7, T9S, R16E 2036' FNL, 2070' FWL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 13.3 miles SW of Myton, Utah

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,960' GL

22. APPROX. DATE WORK WILL START*
2/1/97

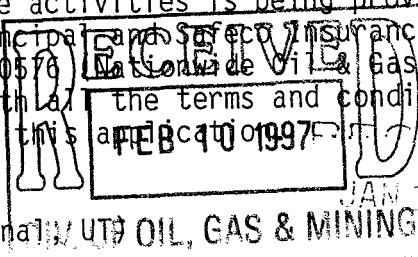
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF-CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable RESources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0570 National Oil & Gas Bond #5547188) who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernalis)
COPY: Utah Division of Oil, Gas and Mining



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE January 13, 1997
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____ ASSISTANT FIELD Manager
APPROVED BY [Signature] TITLE ACTING Mineral Resources DATE FEB 05 1997
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
NOTICE OF APPROVAL

47080 7M-83
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 22-7-9-16Y

API Number: 43-013-31776

Lease Number: U-74390

Location: SENW Sec. 7 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to running the next casing string or requesting plugging orders.** Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at ± 975 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 775 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

Proposed Production Facilities

A dike will be constructed completely around those production facilities which contain fluids. These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank.

All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units, will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans For Reclamation Of Location

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to blend all cuts, fills, road berms, and borrow ditches to be natural in appearance with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

Other Information

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

Raptor Habitat

If this is a producing well the operator is required to install a hospital type muffler or a multicylinder engine to the pumping unit to limit noise impacts to nesting raptor species.

Surface Gas Lines

1. Installation of the proposed surface gas lines will not be performed during periods when the soil is too wet to adequately support installation equipment. If equipment create ruts in excess of four inches, the soil will be deemed too wet to adequately support the equipment.
2. All surface lines will be either black or brown in color.
3. Lines will be laid as close to roads as possible but far enough off the road surface to prevent interference with normal use of the road or road maintenance.
4. Notify all workers that during maintenance or inspection of the surface gas line, that disturbance to vegetated lands shall be kept to a minimum.



RECEIVED

OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: Change of Operator
Duchesne & Vernal Counties, Utah


Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

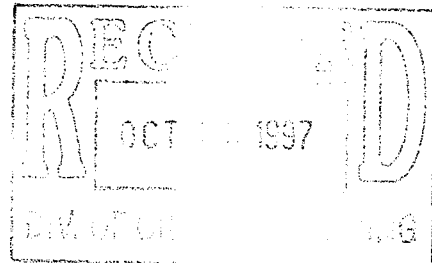
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

See Attached

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective September 30, 1997, Inland Production Company will take over Operations of the Approved and Pending Applications for Permit to Drill listed on the attached exhibit. The previous Operator was: Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by The Hartford Insurance Group.

14. I hereby certify that the foregoing is true and correct

Signed

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date

9/30/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Revised 9/17/97	09/30/97	EREC APD LIST (APPROVED and PENDING)										ST = State							
WELL NAME	FIELD	QTR/QTR	SEC.	TWP.	RANGE	COUNTY	ST.	APD STATUS	ZONE	FED. OR STATE LEASE NO.	API NUMBER	FOOTAGES	BLM OFFICE	UNIT OR WELL FILE NO.					
Monument Federal #11-10-9-17Y	Monument Butte	NW NW	10	9S	17E	Duchesne	UT	PND	Green River	U-65210	4301331534	409' FNL, 475' FWL	Vernal						
Monument Federal #11-17-9-16Y	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31779	575' FNL, 640' FWL	Vernal						
Monument Federal #12-7-9-16Y	Monument Butte	SW NW	7	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31777	1980' FNL, 660' FWL	Vernal						
Monument Federal #12-11-9-17Y	Monument Butte	SW NW	11	9S	17E	Duchesne	UT	APRVD	Green River	U-65210	43-013-31679	1996' FNL, 673' FWL	Vernal						
Monument Federal #14-22-8-17	Monument Butte	SW SW	22	8S	17E	Duchesne	UT	APRVD	Green River	U-67845	43-013-31643	532' FSL, 495' FWL	Vernal						
Monument Federal #14-25-8-17	Monument Butte	SW SW	25	8S	17E	Uintah	UT	APRVD	Green River	UTU-74870	43-047-32765	660' FSL, 660' FWL	Vernal						
Monument Federal #21-6-9-16Y	Monument Butte	NE NW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31816	663' FNL, 1728' FWL	Vernal	Humpback					
Monument Federal #21-18-9-16Y	Monument Butte	NE NW	18	9S	16E	Duchesne	UT	PND	Green River	UTU-74390	43-013-31816	663' FNL, 1728' FWL	Vernal						
Monument Federal #21-22-9-16Y	Monument Butte	NE NW	22	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	4301331817	859' FNL, 1660' FWL	Vernal						
Monument Federal #22-6-9-16Y	Monument Butte	SE NW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-64379	43-013-31727	911' FNL, 2030' FWL	Vernal						
Monument Federal #22-7-9-16Y	Monument Butte	SE NW	7	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31719	2011' FNL, 1869' FWL	Vernal						
Monument Federal #23-6-9-16Y	Monument Butte	NE SW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31776	2036' FNL, 2070' FWL	Vernal						
Monument Federal #23-31-8-16Y	Monument Butte	NE SW	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31812	1938' FSL, 1756' FWL	Vernal						
Monument Federal #24-6-9-16Y	Monument Butte	SE SW	6	9S	16E	Duchesne	UT	PND	Green River	UTU-74389	43-013-31810	1980' FSL, 1826' FWL	Vernal						
Monument Federal #24-7-9-16Y	Monument Butte	SE SW	7	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	4301331811	717' FSL, 2118' FWL	Vernal						
Monument Federal #24-31-8-16Y	Monument Butte	SE SW	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31775	517' FSL, 1952' FWL	Vernal						
Monument Federal #31-10-9-17Y	Monument Butte	NW NE	10	9S	17E	Duchesne	UT	PND	Green River	U-49950	43-013-31780	682' FSL, 1832' FWL	Vernal						
Monument Federal #32-5-9-17	Monument Butte	SW NE	5	9S	17E	Duchesne	UT	PND	Green River	U-65210	43-013-31780	682' FSL, 1832' FWL	Vernal						
Monument Federal #32-7-9-16Y	Monument Butte	SW NE	7	9S	16E	Duchesne	UT	PND	Green River	UTU-74808	4301331591	660' FNL, 1980' FEL	Vernal						
Monument Federal #32-18-9-16Y	Monument Butte	SW NE	18	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	4301331818	1833' FNL, 1913' FEL	Vernal						
Monument Federal #32-20-9-18Y	8 Mile Flat	SW NE	20	9S	18E	Uintah	UT	PND	Green River	UTU-74390	43-013-31778	2048' FNL, 1769' FEL	Vernal						
Monument Federal #33-5-9-17	Monument Butte	NW SE	5	9S	17E	Duchesne	UT	APRVD	Green River	U-64917	4301331805	1996' FNL, 1910' FEL	Vernal						
Monument Federal #33-7-9-16Y	Monument Butte	NW SE	7	9S	16E	Duchesne	UT	PND	Green River	UTU-74808	43-047-32725	1980' FNL, 1980' FEL	Vernal						
Monument Federal #33-31-8-16Y	Monument Butte	NE SE	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	4301331819	1754' FSL, 2031' FEL	Vernal						
Monument Federal #34-6-9-16Y	Monument Butte	SW SE	34	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74389	43-013-31773	2131' FSL, 1910' FEL	Vernal						
Monument Federal #34-7-9-16Y	Monument Butte	SW SE	7	9S	16E	Duchesne	UT	PND	Green River	UTU-74390	43-013-31772	1957' FSL, 1810' FEL	Vernal						
Monument Federal #34-31-8-18Y	Monument Butte	SWSE	34	8S	18E	Uintah	UT	PND	Green River	UTU-74390	4301331774	660' FSL, 1980' FEL	Vernal						
Monument Federal #41-22-8-17	Monument Butte	NE NE	22	8S	17E	Duchesne	UT	PND	Green River	UTU-74404	4301331803	701' FSL, 2075' FEL	Vernal						
Monument Federal #41-25-8-17	Monument Butte	NE NE	25	8S	17E	Uintah	UT	APRVD	Green River	UTU-76240	4304732845	636' FSL, 2160' FEL	Vernal						
Monument Federal #41-35-9-18Y	Monument Butte	NE NE	35	9S	18E	Uintah	UT	APRVD	Green River	U-67845	43-013-31827	703' FNL, 759' FEL	Vernal (Private sfc.)						
Monument Federal #42-22-8-17	Monument Butte	SE NE	22	8S	17E	Duchesne	UT	APRVD	Green River	U-68618	43-047-32766	800' FNL, 860' FEL	Vernal	Humpback					
Monument Federal #42-25-8-17	Monument Butte	NE NE	25	8S	17E	Uintah	UT	APRVD	Green River	UTU-76240	43-047-32727	500' FNL, 660' FEL	Vernal						
Monument Federal #43-22-8-17	Monument Butte	NE SE	22	8S	17E	Uintah	UT	APRVD	Green River	U-67845	43-013-31826	1930' FNL, 803' FEL	Vernal (Private sfc.)						
Monument Federal #43-31-8-16Y	Monument Butte	NE SE	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-67845	43-047-32767	1930' FNL, 803' FEL	Vernal						
Monument Federal #43-31-8-18Y	Monument Butte	NE SE	31	8S	18E	Uintah	UT	APRVD	Green River	UTU-74389	43-013-31813	2174' FSL, 557' FEL	Vernal						
Monument Federal #43-25-8-17	Monument Butte	NE SE	25	8S	17E	Uintah	UT	PND	Green River	UTU-74404	43-013-31815	1980' FSL, 660' FEL	Vernal						
Monument Federal #44-7-9-16Y	Monument Butte	SE SE	7	9S	16E	Duchesne	UT	APRVD	Green River	U-67845	4304732844	1764' FSL, 623' FEL	Vernal						
Monument Federal #44-31-8-18Y	Monument Butte	SE SE	31	8S	18E	Uintah	UT	PND	Green River	UTU-74390	43-047-32768	1973' FSL, 719' FEL	Vernal						
Monument State #41-2-9-17CD	Monument Butte	NE NE	2	9S	17E	Uintah	UT	PND	Green River	U-65969	4301331804	660' FSL, 660' FEL	Vernal	Beluga					
Monument State #42-2-9-17CD	Monument Butte	SE NE	2	9S	17E	Uintah	UT	APRVD	Green River	State #ML-45555	4304732728	915' FSL, 759' FEL	Vernal						
								APRVD	Green River	State #ML-45555	43-047-32843	662' FNL, 660' FEL		Castle Draw					
											42-047-32842	1985' FNL, 660' FEL		Castle Draw					

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/NW 2036' FNL & 2070' FWL**CONFIDENTIAL***Sec 7 T9S R16E*

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Nine Mile #6-7

9. API Well No.

43-013-31776

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT**12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****TYPE OF SUBMISSION**

- ☒ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☒ Other **Amended drilling program**
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection
- ☐ Dispose Water

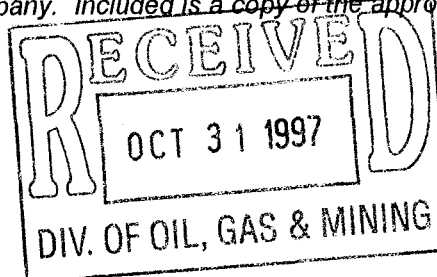
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Inland Production Company requests to change the name of the Monument Federal #22-7-9-16Y (formerly operated by Equitable Resources Energy Company,) to the Nine Mile #6-7.

CONFIDENTIAL

The Application For Permit To Drill the above referenced location was approved on February 5, 1997. Please see the attached amended drilling program for Inland Production Company. Included is a copy of the approved APD cover sheet and COA's, for your convenience.



14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron

Title

Regulatory Compliance SpecialistDate **10/28/97**

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

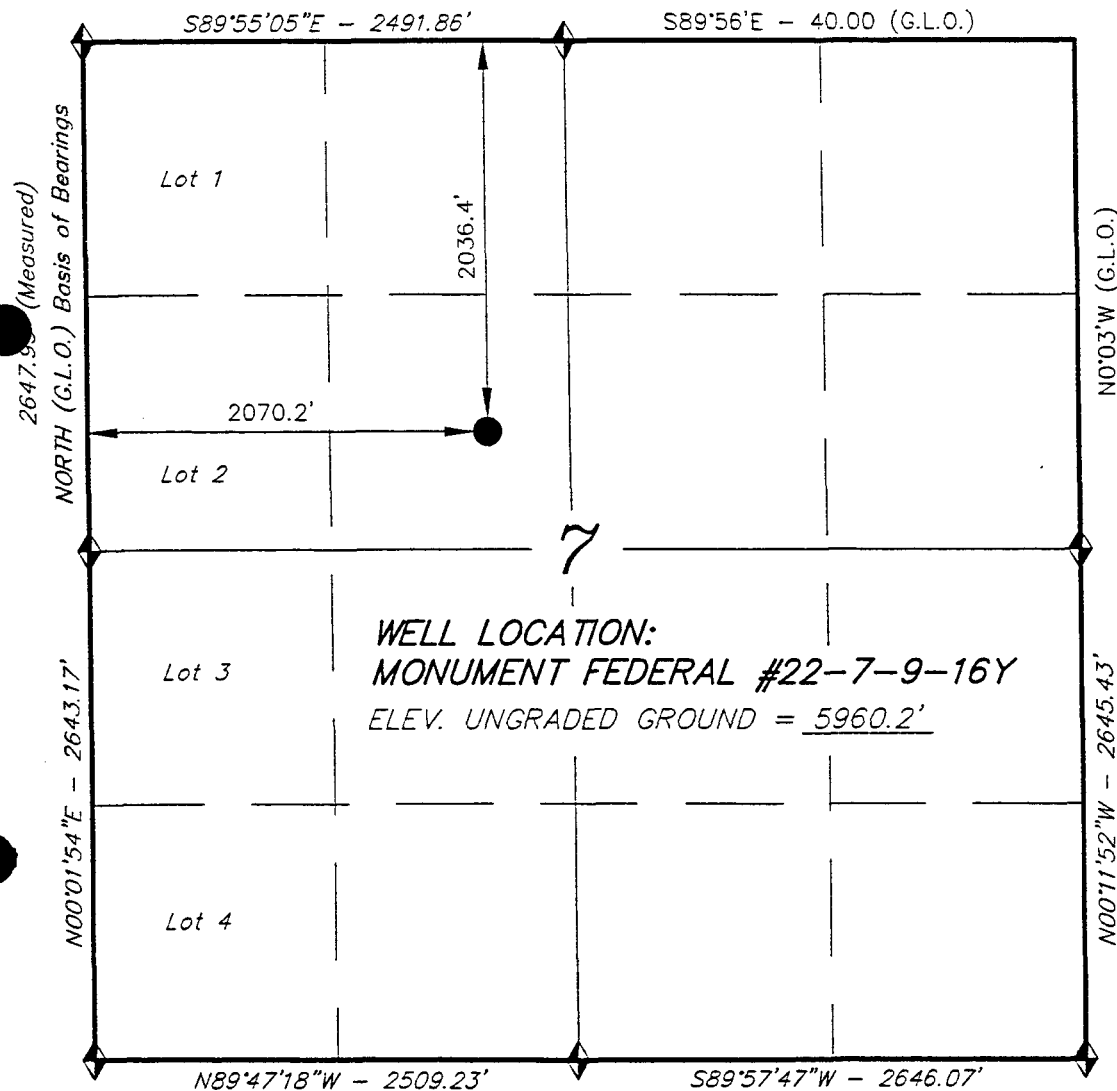
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

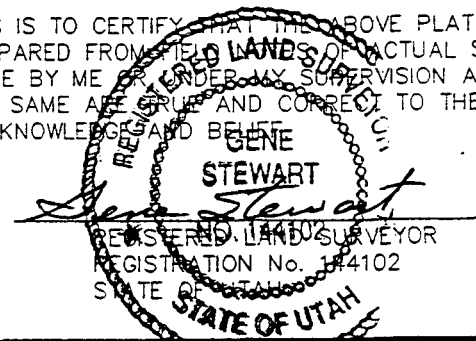
T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #22-7-9-16Y, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S.

DATE: 12-14-96

WEATHER: COLD

NOTES:

FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.
UTU-74390

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface
SE NW Section 7, T9S, R16E 2036' FNL, 2070' FWL

At proposed prod. zone

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a

7. UNIT AGREEMENT NAME
n/a

8. FARM OR LEASE NAME
Monument Federal

9. WELL NO.
#22-7-9-16Y 6-7

10. FIELD AND POOL, OR WILDCAT
Mon. Butte/Gm River

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 7, T9S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
UTAH

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 13.3 miles SW of Myton, Utah

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,960' GL

22. APPROX. DATE WORK WILL START*
2/1/97

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached	Drilling Program/Casing Design			

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF-CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable RESources Energy Company as principal and Safeco Insurance Company of American as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

RECEIVED

JAN 15 1997

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE January 13, 1997
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE Assistant Field Manager DATE FEB 05 1997
CONDITIONS OF APPROVAL, IF ANY: Mineral Resources

CONDITIONS OF APPROVAL ATTACHED. NOTICE OF APPROVAL

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**INLAND PRODUCTION COMPANY
NINE MILE #6-7
SE/NW SECTION 7, T9S, R16E
DUCHESNE COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 3050'
Green River	3050'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 3050' - 6500' - Oil

4. PROPOSED CASING AND CEMENTING PROGRAM

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)
5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

<u>SIZE OF HOLE</u>	<u>SIZE OF CASING</u>	<u>WEIGHT/FOOT</u>	<u>SETTING DEPTH</u>	<u>QUANTITY OF CEMENT</u>
12 1/4"	8 5/8"	24#	300'	120 sx
7 7/8"	5 1/2"	15.5#	TD	400 sx followed by 330 sx

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.

SURFACE PIPE – Premium Plus Cement, w/ 2% Gel, 2% CaCl₂, 1/4#/sk Flocele

Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H₂O Req: 6.5 Gal/sk

LONG STRING: Lead: Hibond 65 Modified

Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H₂O Req: 18.08 Gal/sk

Tail: Premium Plus Thixotropic

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂O Req: 7.88 Gal/sk

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Annular Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050' \pm , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions of 5 lb. - 8 lb. per barrel of DAP (Di-Ammonium Phosphate, commonly known as fertilizer). This fresh water system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromate's will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

AIR DRILLING

In the event that the proposed Nine Mile #6-7 be "Air Drilled", Inland requests a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90 degree turns. Inland also requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

MUD PROGRAM

MUD TYPE

Surface - 320'	Air
320' - 4200'	Air/Mist & Foam
4200' - TD	The well will be drilled with fresh water through the Green River Formation @ 4200' \pm , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions or by adding DAP (Di-Ammonium Phosphate, commonly known as fertilizer.) Typically, this fresh water/polymer system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Gamma Ray/Caliber from TD to base of surface casing @ 300' \pm , and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500' \pm . The cement bond log will be run from PBDT to cement top. An automated mud logging system will be utilized while drilling to monitor and record penetration rate, and relative gas concentration, in the fluid system.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H2S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the forth quarter of 1997, and take approximately six days to drill. Proposed depth @ 6500'.

**INLAND PRODUCTION COMPANY
NINE MILE #6-7
SE/NW SECTION 7, T9S, R16E
DUCHESNE COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Nine Mile #6-7 located in the SE 1/4 NW 1/4 Section 7, T9S, R16E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and the Sand Wash Road; proceed southerly along this road - 1.7 miles to the Wells Draw Road intersection; proceed southwesterly 9.5 to its junction with an existing dirt road to the northwest; proceed northwesterly 0.3 miles to its junction with an existing dirt road to the north; proceed northeasterly 0.1 mile to the beginning of the access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

Approximately 0.2 miles of new access road is proposed.
See Topographic Map "B".

The proposed access road will be upgraded with an 18" crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of drilling and completing the Nine Mile #6-7, or trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

A small reserve pit (80 X 40 X 8' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the well bore. Any drilling fluids which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

All completion fluids, frac gels, etc., will be contained in steel tanks and hauled away to approved commercial disposal, as necessary.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the east between stakes 4 & 5.

The stockpiled topsoil (first six (6) inches) will be stored on the southwest corner between stakes 7 & 8.

Access to the well pad will be from the south corner near stake #6.

Corner #6 will be rounded to avoid excess cut.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/ operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion . Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report has been submitted by Equitable Resource Energy Company and is on file with the Bureau of Land Management.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Inland Production Company guarantees that during the drilling and completion of Nine Mile #6-7 we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Nine Mile #6-7, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Cheryl Cameron
Address: P.O. Box 790233 Vernal, Utah 84079
Telephone: (801) 789-1866

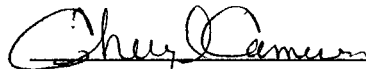
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #6-7 SE/NW Section 7, Township 9S, Range 16E: Lease #UTU-74390 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

10/28/97

Date



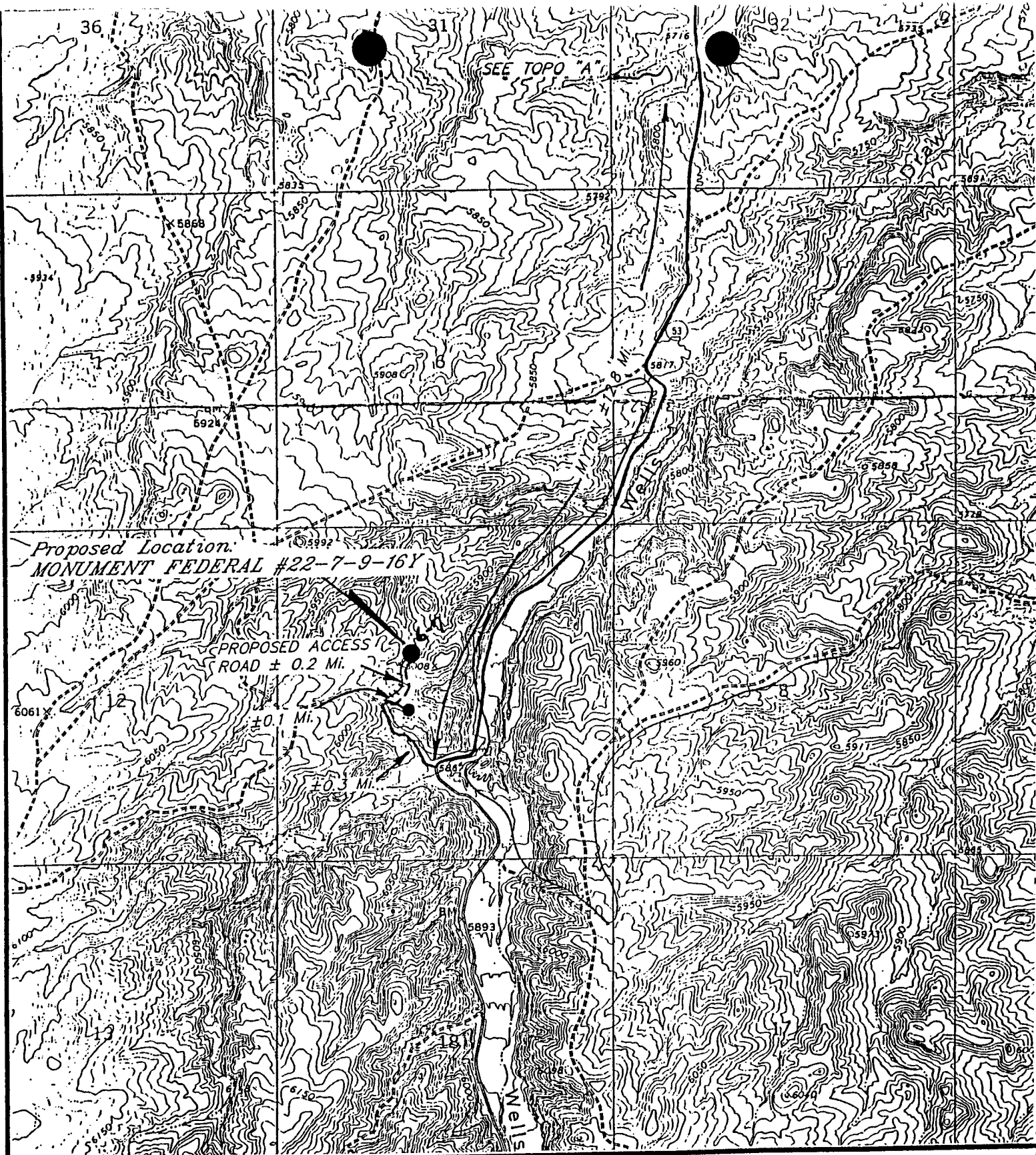
Cheryl Cameron
Regulatory Compliance Specialist

APPLICATION FOR PIPELINE RIGHT-OF-WAY

Please consider this Application for Permit to Drill also as an application for the pipeline (gas gathering system) Right-of-Way for this prospective well. See attached map for the pipeline route. The gas line will be a polyurethane surface line.

Please advise of the costs associated with this Right-of-Way and a check will be forthcoming.

Route will follow existing roads where feasible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.

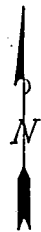


GAS GATHERING LINES

Monument Federal #22-7-9-16Y
Section 7, T9S, R16E



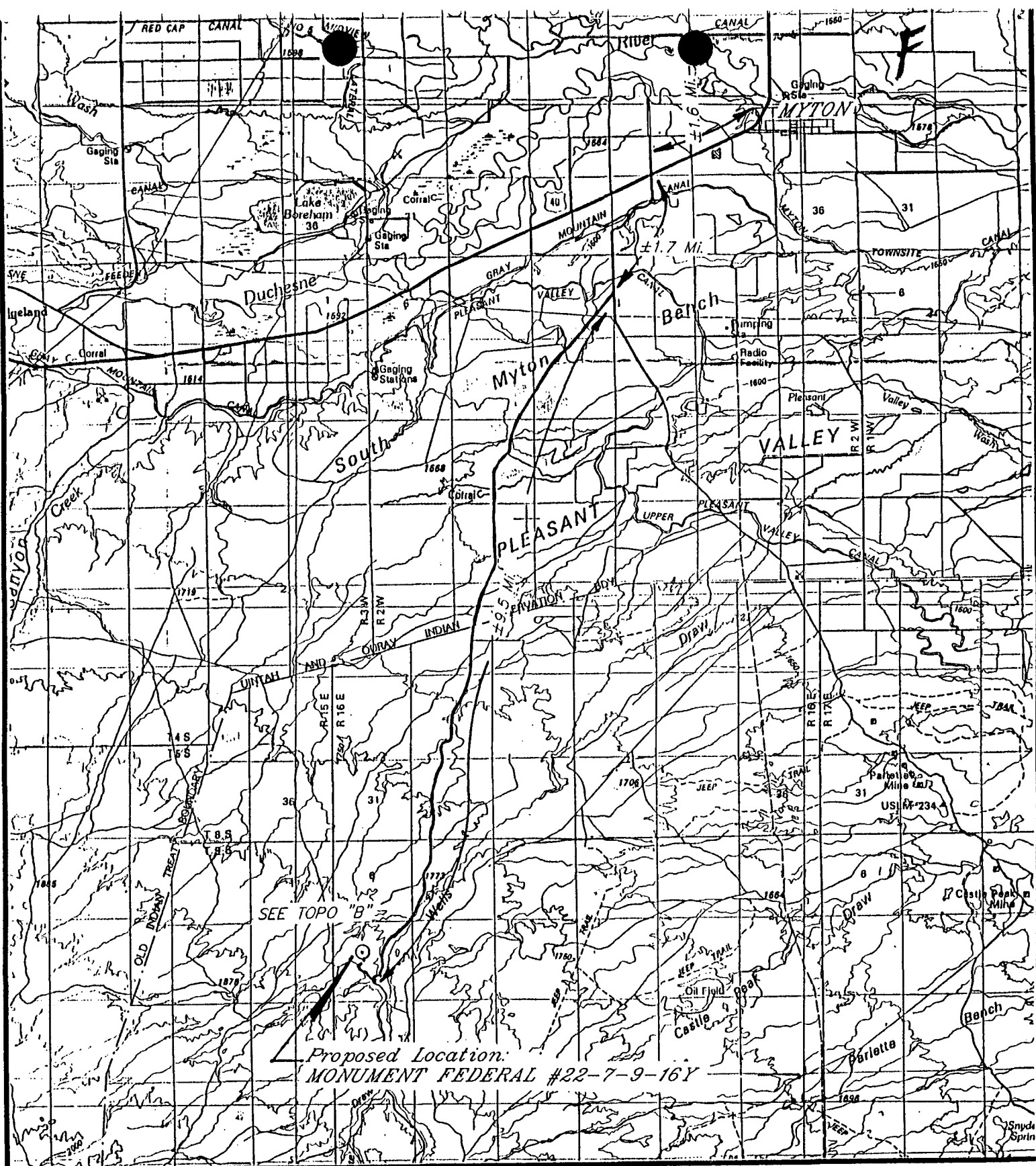
EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION



+++++ proposed poly gas line

— existing poly gas line

SCALE: 1" = 2000'



EQUITABLE RESOURCES CO.

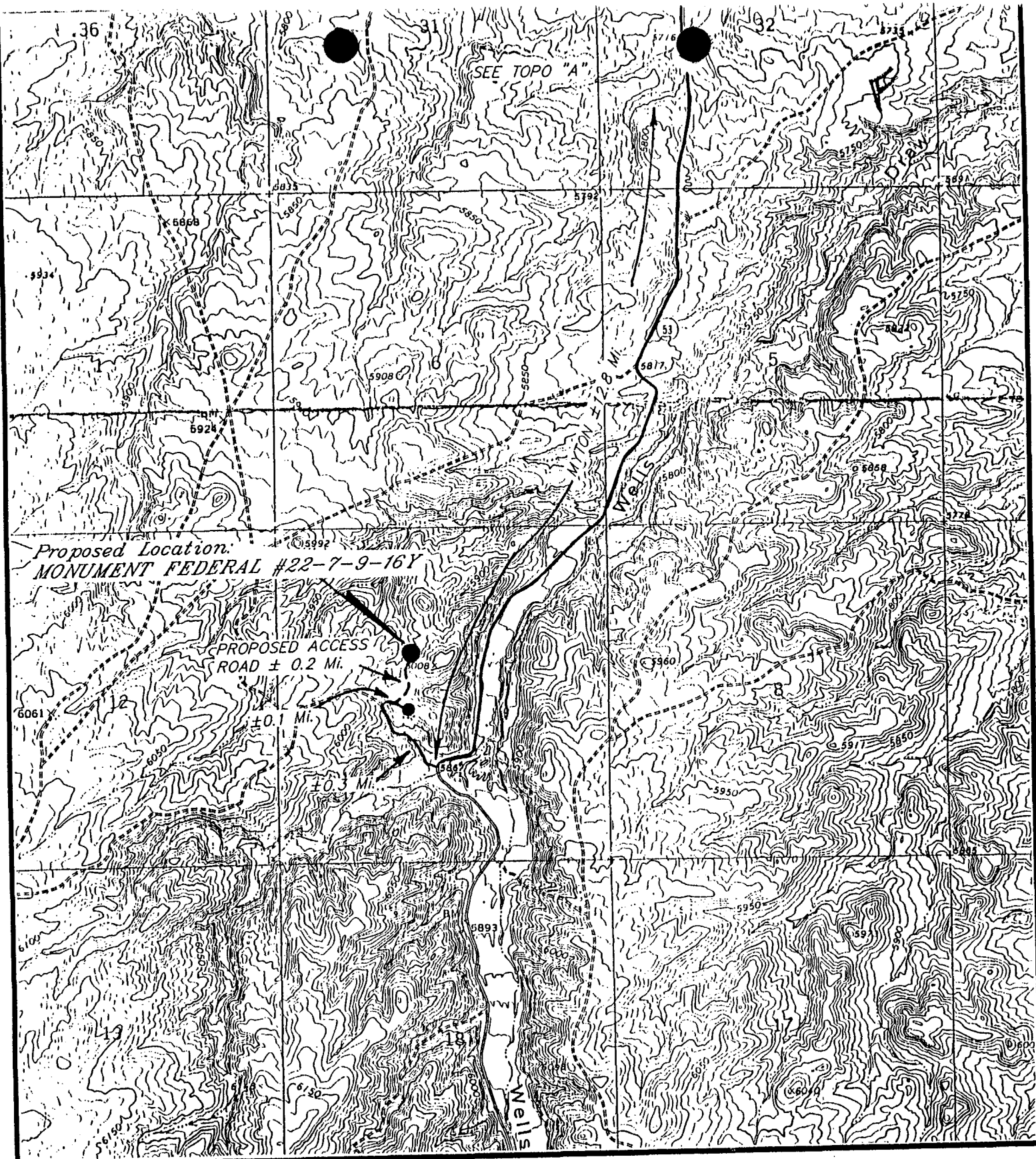
MONUMENT FEDERAL #22-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.
TOPO "A"



Tri State
Land Surveying, Inc.

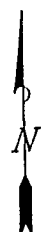
(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #22-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.
TOPO "B"



SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.

(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

EXHIBIT "C"

UTU-73087

Wells Draw Unit

UTU-73086

UTU-64379

UTU-73087

UTU-64379

UTU-74390

U-020255

U-020254

UTU-65207

UTU-72107

U-096550

UTU-64379

U-40894

U-017985

U-096547

UTU-64379

U-52018

9S/16E

UTU-64379

CASTLE

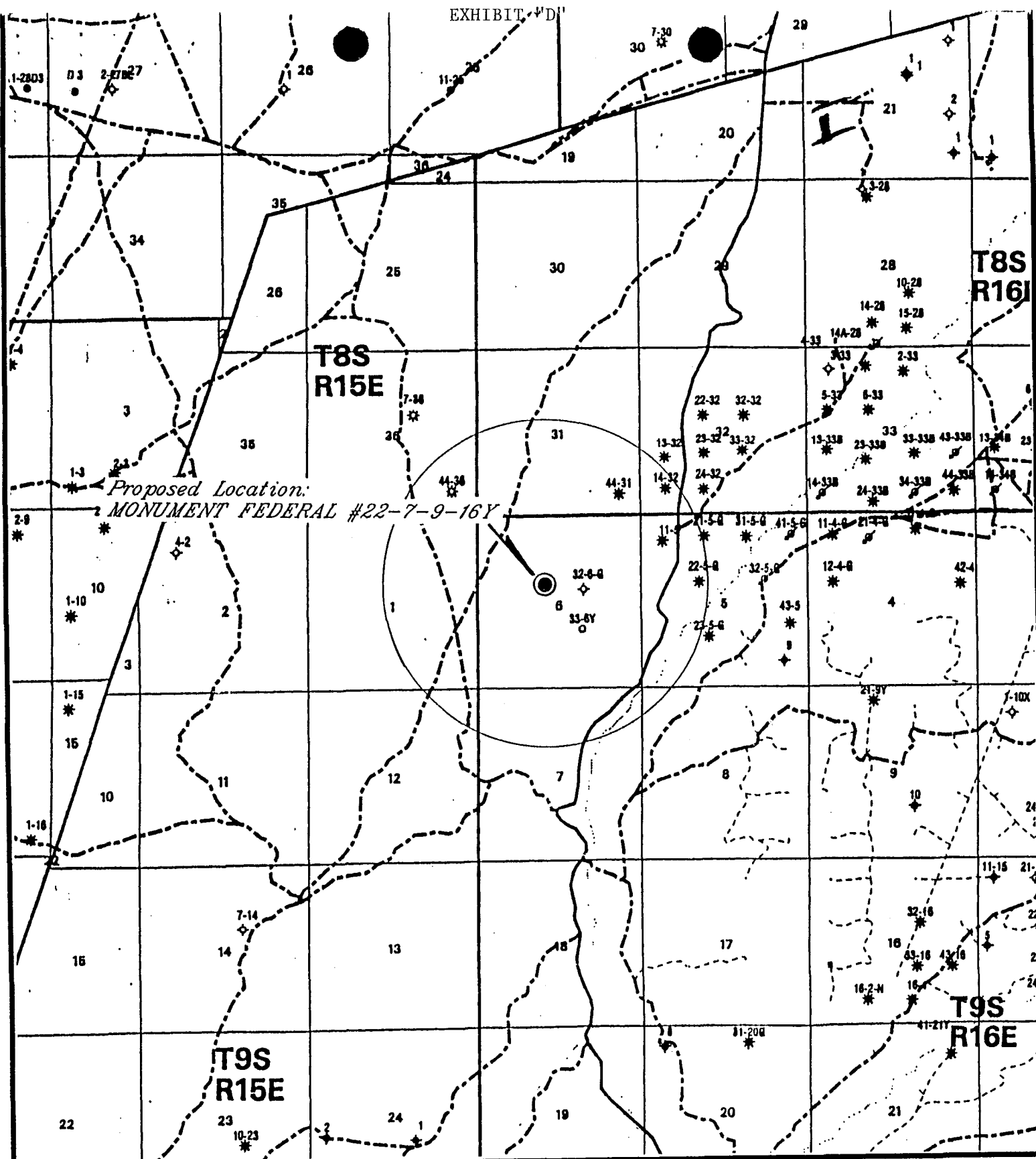
U-1585

NINE
MILE

UTU-74391

UTU-74392

UTU-74392



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #22-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.
TOPO "C"



Tri State
Land Surveying, Inc.

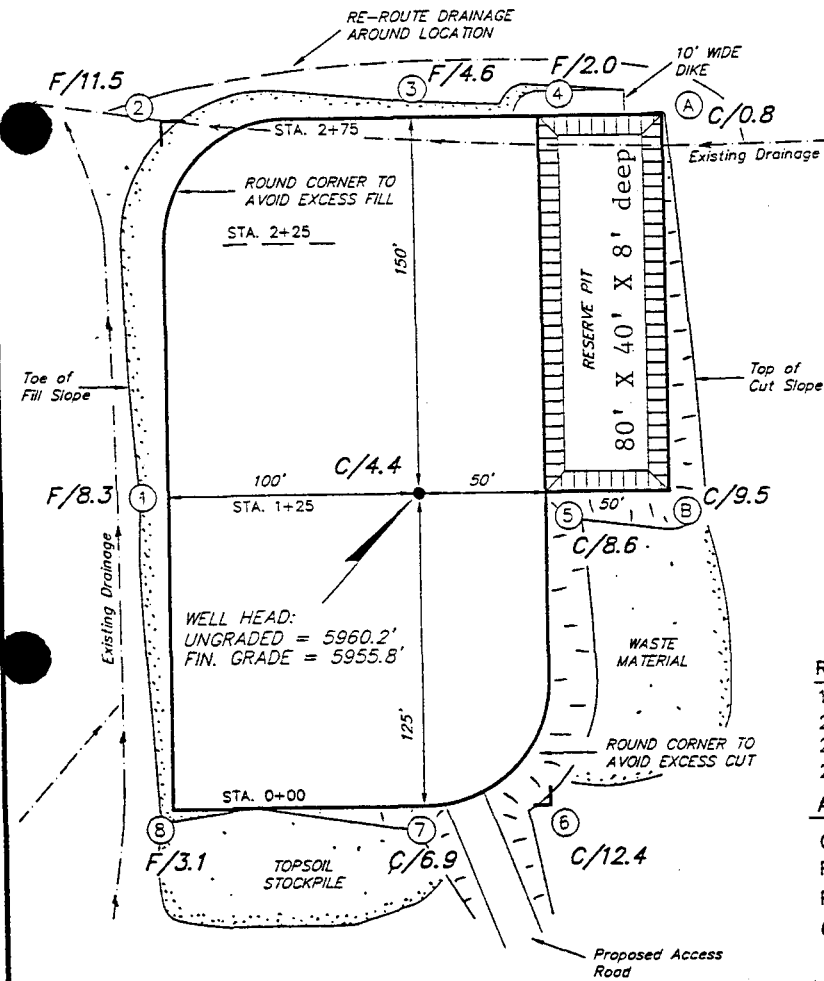
(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

EXHIBIT "E"

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #22-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.

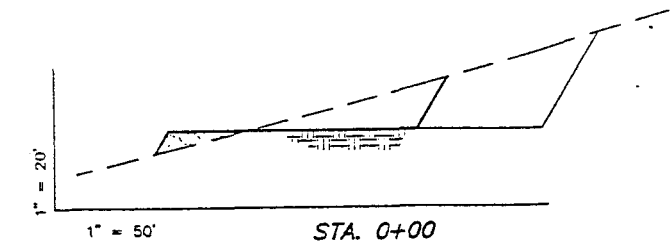
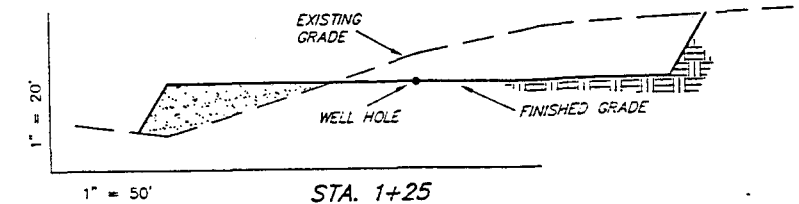
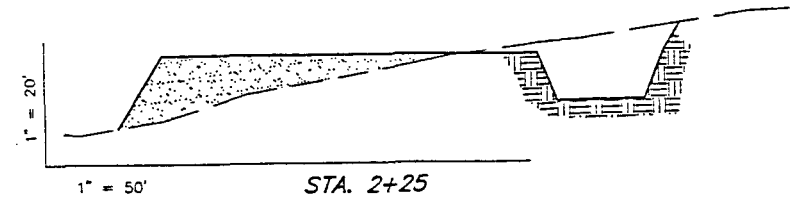
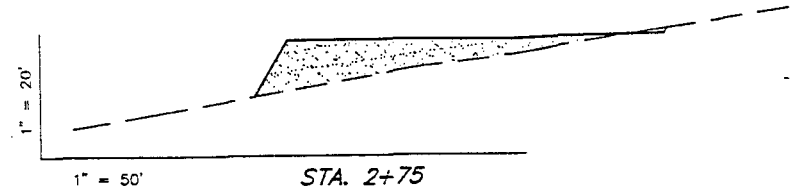


REFERENCE POINTS

150' NORTHWEST = 5950.0'
 200' NORTHWEST = 5957.6'
 200' NORTHEAST = 5953.0'
 250' NORTHEAST = 5953.0'

APPROXIMATE YARDAGES

CUT = 4,530 Cu. Yds.
 FILL = 4,510 Cu. Yds.
 PIT = 1,770 Cu. Yds.
 6" TOPSOIL = 910 Cu. Yds.

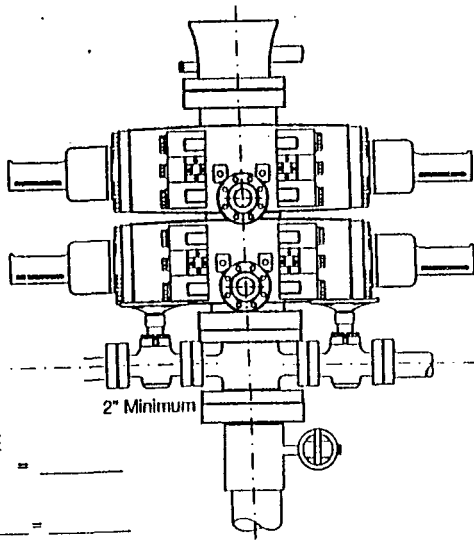


SURVEYED BY: G.S.
DRAWN BY: J.R.S.
DATE: 12-14-96
SCALE: 1" = 50'
FILE:

Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

2-M SYSTEM

RAM TYPE B.O.P.
 Make:
 Size:
 Model:



GAL TO CLOSE

Annular BOP = _____

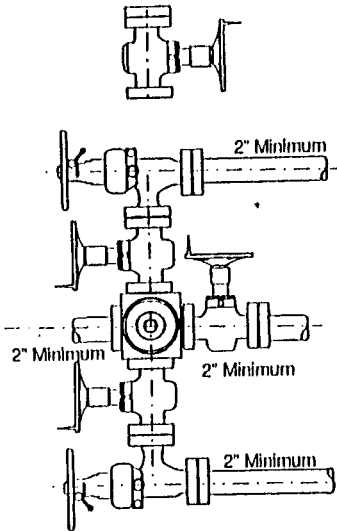
Ramtype BOP

_____ Rams x _____ = _____

= _____ Gal.

_____ x 2 = _____ Total Gal.

Rounding off to the next higher
 increment of 10 gal. would require
 _____ Gal. (total fluid & nitro volume)



CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 22-7-9-16Y

API Number: 43-013-31776

Lease Number: U-74390

Location: SENW Sec. 7 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to running the next casing string or requesting plugging orders.** Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at ± 975 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 775 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

Proposed Production Facilities

A dike will be constructed completely around those production facilities which contain fluids. These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank.

All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units, will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans For Reclamation Of Location

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to blend all cuts, fills, road berms, and borrow ditches to be natural in appearance with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

Other Information

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

Raptor Habitat

If this is a producing well the operator is required to install a hospital type muffler or a multicylinder engine to the pumping unit to limit noise impacts to nesting raptor species.

Surface Gas Lines

1. Installation of the proposed surface gas lines will not be performed during periods when the soil is too wet to adequately support installation equipment. If equipment create ruts in excess of four inches, the soil will be deemed too wet to adequately support the equipment.
2. All surface lines will be either black or brown in color.
3. Lines will be laid as close to roads as possible but far enough off the road surface to prevent interference with normal use of the road or road maintenance.
4. Notify all workers that during maintenance or inspection of the surface gas line, that disturbance to vegetated lands shall be kept to a minimum.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office

170 South 500 East

Vernal, Utah 84078-2799

Phone: (801) 781-4400

Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

November 10, 1997

Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

Re: *43-013-31776 (Nine mile 6-7)*
Well No. Mon. Fed. 22-7-9-16Y
SENW, Sec. 7, T9S, R16E
Lease U-74390
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining
Equitable Resources Energy Company
ABO Petro Corp
Myco Industries Inc
Yates Drilling Co.
Yates Petro Corp

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: NINE MILE 6-7

Api No. 43-013-31776

Section: 7 Township: 9S Range: 16E County: DUCHESNE

Drilling Contractor: FOUR CORNERS

Rig # 6

SPUDDED:

Date: 11/10/97

Time: 1:30 PM

How: DRY HOLE

Drilling will commence: _____

Reported by: MIKE WARD

Telephone NO.: 1-801-722-5103

Date: 11/12/97 Signed: JLT

]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

NINE MILE 6-7

9. API Well No.

43-013-31776

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well



Oil
Well



Gas
Well



Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2036 FNL, 2070 FWL

SE/NW Section 7, T09S R16E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other **Surface Spud**



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



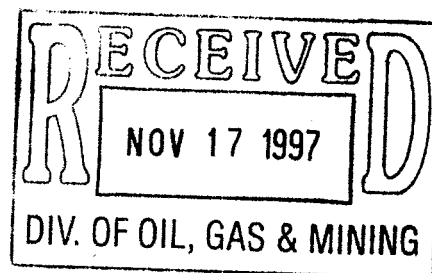
Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-
ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU Leon Ross. Drl 12-1/4" hole to 25'. **SPUD SFC HOLE @ 4:00 PM, 11/10/97.** Hole washing out @ sfc. WO 13-3/8" conductor. Set 22' of 13-3/8" conductor. Drl (25' - 230'). SIFN. Drl 12-1/4" sfc hole 230' - 300'. C&C. LD DP & DC's. RU & run 8-5/8" GS, 7 jts 8-5/8" 24# J-55 ST&C csg (283.47'). Csg set @ 284.14' GL. RU Halliburton. Pmp 5 bbl dye wtr & 20 bbl gel. Cmt w/120 sx Premium Plus w/2% CC, 2% gel & 1/2#/sk flocele (14.8 ppg, 1.37 cf/sk yield). Good returns w/7 bbl cmt to sfc. Cmt level held. Drl MH & RH for Four Corners #6. RDMO.

CONFIDENTIAL



14. I hereby certify that the foregoing is true and correct

Signed

Samuel Horob

Title

Engineering Technician

Date

11/13/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2036 FNL, 2070 FWL SE/NW Section 7, T09S R16E

5. Lease Designation and Serial No.

U-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

NINE MILE 6-7

9. API Well No.

43-013-31776

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

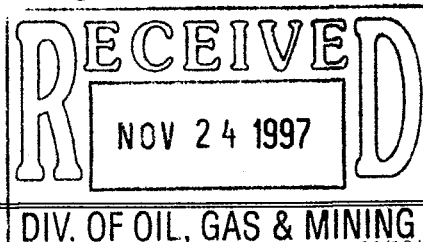
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 11/13/97 - 11/19/97

Drilled 7-7/8" hole w/Four Corners, Rig #6 from 314' - 5921'.

MIRU Four Corners #6. NU BOP's. Test lines, valves, rams & manifold to 2000 psi. Test annular preventor & csg to 1500 psi. GIH w/BHA. Drl plug, cmt, shoe. Run 5-1/2" GS, 1 jt 5-1/2" csg (42.93'), 5-1/2" FC, 137 jts 5-1/2" 15.5# J-55 LT&C csg (5897.53'). Csg set @ 5908.49'. RD casers. RU Halliburton. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/405 sx Hibond 65 Mod (11.0 ppg, 3.0 cf/sk yield) & 345 sx Thixotropic, 10% CalSeal (14.2 ppg, 1.59 cf/sk yield). POB @ 1:15 am, 11/19/97 w/1900 psi. 5 bbl gel to sfc. RD Halliburton. ND BOP's, set slips w/80,000#, dump & clean mud tanks. Rig released @ 5:15 am, 11/19/97. RDMOL.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

11/19/97

(This space for Federal or State office use)

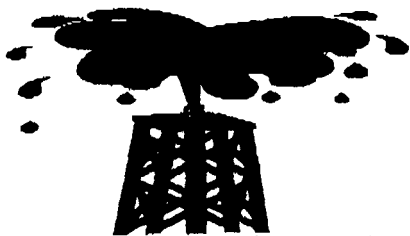
Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: Lisha
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested.
Call if you need anything
further.



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-DEC	6-DEC
2-GLH	7-KAS
3-DPS	8-ST
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>C/O CRAZY MTN O&G SVS</u>
	<u>ROOSEVELT UT 84066</u>		<u>PO BOX 577</u>
			<u>LAUREL MT 59044</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-113-31774</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (leg. 11-24-97) (rec'd 12-10-97)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (rec'd 10-20-97)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- lec 4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (11-24-97)
- lec 6. Cardex file has been updated for each well listed above. (11-24-97)
- lec 7. Well file labels have been updated for each well listed above. (11-24-97)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (11-24-97)
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Sec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Sec 2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- OTs
12/12/97
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- Vb 1. All attachments to this form have been microfilmed. Today's date: 4.5.99.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

971124 Blm/Keine/ Apr. 11-10-97

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-74390

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
NINE MILE 6-7

9. API Well No.
43-013-31776

10. Field and Pool, or Exploratory Area
UNDESIGNATED

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2036 FNL 2070 FWL SE/NW Section 7, T09S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

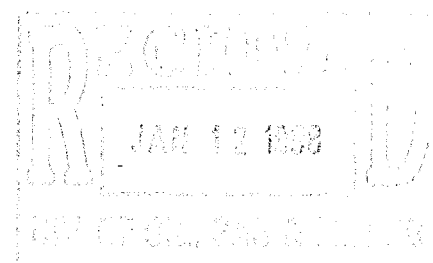
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 1/1/98 - 1/7/98

Swab well. Trip production tbq.
Place well on production @ 1:00 PM, 1/3/98.

CONFIDENTIAL



14. I hereby certify that the foregoing is true and correct

Signed Shannon Smith Title Engineering Secretary Date 1/8/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

NINE MILE 6-7

9. API Well No.

43-013-31776

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒

Oil
Well

☐

Gas
Well

☐

Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2036 FNL 2070 FWL

SE/NW Section 7, T09S R16E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

Weekly Status

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

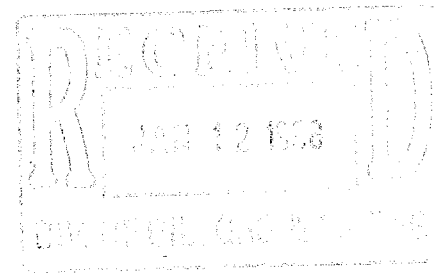
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 12/25/97 - 12/31/97

Perf D sds @ 4799-4808', 4810-17' & 4822-24'.

CONFIDENTIAL



14. I hereby certify that the foregoing is true and correct

Signed

Shannen Smith

Title

Engineering Secretary

Date

1/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0133
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

NINE MILE 6-7

9. API Well No.

43-013-31776

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒

Oil
Well

☐

Gas
Well

☐

Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2036 FNL 2070 FWL SE/NW Section 7, T09S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other Weekly Status

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

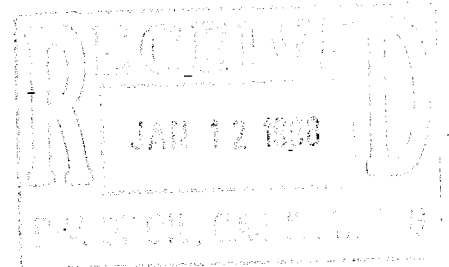
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 12/18/97 - 12/24/97

Perf CP sds @ 5708-13', 5735-49' & 5755-57'.

Perf C sd @ 4928-41' & 4971-76'.

CONFIDENTIAL



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

1/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company
ADDRESS 475 17th St., Suite 1500
Denver, CO 80202

OPERATOR ACCT. NO. N5160

No. 2265 P. 2

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12281	43-013-31942	Sand Wash 9-29-8-17 Tar Sands Facet 9-29	NW	29	85	17E	Duchesne	12/11/97	12/10/97
WELL 1 COMMENTS: Spud well w/ Union Rig #7 @ 10:00 pm, 12/11/97 Entities added 2-10-98: Lec											
	99999	12282	43-013-31952	Nine Mile 4-6	NW	6	95	16E	Duchesne	12/18/97	01/08/97
WELL 2 COMMENTS: Spud well w/ Leon Ross @ 1:00 pm, 12/18/97.											
A	99999	12283	43-013-31943	Sand Wash 12-28-8-17 Tar Sands 12-28	NW	28	85	17E	Duchesne	12/20/97	12/20/97
WELL 3 COMMENTS: Spud well w/ Union #7 @ 12:30 pm, 12/20/97.											
A	99999	12284	43-013-31954	Nine Mile 13-6-9-16	SW	6	95	16E	Duchesne	1/1/98	1/1/98
WELL 4 COMMENTS: Spud well w/ Four Corner Leon Ross @ 8:15 am 1/1/98.											
A	99999	12285	43-013-31972	Wells Draw 6-4	SW	4	95	16E	Duchesne	1/7/98	1/7/98
WELL 5 COMMENTS: Spud well w/ ZCM Drilling @ 4:00 pm, 1/7/98											

AND RESOURCES-
4:50PM
9. 1998
Feb. 7/89)

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith
Signature

Engineering Technician 2/9/98
Title Date

Phone No. (303) 376-8107

OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company
ADDRESS 475 17th St., Suite 1500
Denver, CO 80202

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12286	43-013-31773	Nine Mile 10-7	NE 1/4	7	9S	16E	Duchesne	12/1/97	12/1/97
WELL 1 COMMENTS: Spud well w/Four Corners #6 @ 9:00 P.M., 12/1/97.											
	99999	12287	43-013-31803	Nine Mile 15-7	SW 1/4	7	9S	16E	Duchesne	12/2/97	12/2/97
WELL 2 COMMENTS: Spud well w/Leon Ross @ 2:45 pm, 12/2/97											
	99999	12275	43-013-31596	Castle Draw 1-2	SW 1/4	2	9S	16E	Duchesne	11/25/97	11/25/97
WELL 3 COMMENTS: 43-047-32843 Entity previously added. Spud well w/Union rig #7 @ 6:30 pm, 11/25/97.											
	99999	12275	43-013-31594	Castle Draw 8-2	SE 1/4	2	9S	16E	Duchesne	12/3/97	12/3/97
WELL 4 COMMENTS: 43-047-32842 Entity previously added. Spud well w/Union rig #7 @ 10:45 pm, 12/3/97.											
	99999	12288	43-013-31953	Nine Mile S-6910	SW 1/4	6	9S	16E	Duchesne	12/7/97	12/7/97
WELL 5 COMMENTS: Spud well w/Leon Ross @ 9:00 am, 12/7/97.											

ACTION CODES (See instructions on back of form)
A - Establish new entity for new well (single well only)
B - Add new well to existing entity (group or unit well)
C - Re-assign well from one existing entity to another existing entity
D - Re-assign well from one existing entity to a new entity
E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith
Signature

Engineering Technician 2/9/98
Title Date

Phone No. 303, 376-8107

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company

ADDRESS 475 17th St., Suite 1500

Denver, CO 80202

OPERATOR ACCT. NO. H5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12289	43-013-31719	Nine Mile 6-6	SW	6	9S	16E	Duchesne	11/6/97	11/6/97
WELL 1 COMMENTS: Spud well w/Four Corners rig #6 @ 9:30 pm 11/6/97.											
A	99999	12290	43-013-31776	Nine Mile 6-7	SW	7	9S	16E	Duchesne	11/10/97	11/10/97
WELL 2 COMMENTS: Spud well w/Leon Ross @ 4:00 pm 11/10/97.											
A	99999	12291	43-013-31777	Nine Mile 5-7	SW	7	9S	16E	Duchesne	11/16/97	11/16/97
WELL 3 COMMENTS: Spud well w/Leon Ross @ 1:00 pm 11/16/97.											
A	99999	12292	43-013-31778	Nine Mile 7-7	SW	7	9S	16E	Duchesne	11/20/97	11/20/97
WELL 4 COMMENTS: Spud well w/Leon Ross @ 11:45 11/20/97.											
A	99999	12293	43-013-31990	MBFNE 11-24-8-16 Mantamont Butte 11-24	SW	24	8S	16E	Duchesne	11/17/97	11/17/97
WELL 5 COMMENTS: Spud well w/Union rig #7 @ 3:00 am 11/17/97.											

- ADDITIONAL NOTES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith
Signature

Engineering Technician 2/9/98
Title Date

Phone No. 303, 376-8107
893-0102

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

(See instructions on
reverse side)

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

UTU-74390

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME, WELL NO.

NINE MILE 6-7

9. API WELL NO.

43-013-31776

10. FIELD AND POOL OR WILDCAT

UNDESIGNATED

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Section 7, T09S R16E

1a. TYPE OF WORK

OIL
WELL ☒

GAS
WELL ☐

DRY ☐

CONFIDENTIAL

Other ☐

1b. TYPE OF WELL

NEW
WELL ☒

WORK
OVER ☐

DEEPEN ☐

PLUG
BACK ☐

DIFF
RESVR. ☐

EXPIRED

ON 2-3-99

Other ☐

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS AND TELEPHONE NO.

410 Seventeenth Street, Suite 700, Denver, CO 80202 (303) 292-0900

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface

SE/NW

2036 FNL 2070 FW

CONFIDENTIAL

At top prod. Interval reported be:

At total depth

14. PERMIT NO.

43-013-31776

DATE ISSUED

2-5-97

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UT

15. DATE SPUDDED
11-10-97

16. DATE T.D. REACHED
11-18-97

17. DATE COMPL. (Ready to prod.)
1-3-98

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5972' KB; 5960' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5921'

21. PLUG, BACK T.D., MD & TVD

5862'

22. IF MULTIPLE COMPL.,
HOW MANY*

N/A

23. INTERVALS
DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4799'-5757'

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL, DIGL/SP/GR/CAL, SDL/DSN/GR 2-13-98

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	284.14'	12 1/4	120 sx Prem Plus	
5 1/2	15.5#	5908.49	7 7/8	405 sx Hibond & 345 sx Thixo	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5765'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

D Sand - 4799'-4808'; 4810'-17'; 4822'-24'

w/4 jsp

C Sand - 4928'-41'; 4971'-76'55'

w/4 jsp

CP Sand - 5708'-13'; 5735'-49'; 5755'-57'

w/4 jsp

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4799'-4824'	124,300# 20/40 sd in 574 Delta Frac
4928'-4976'	111,400# 20/40 sd in 544 Delta Frac
5708'-5757'	127,200# 20/40 sd in 621 BG

33.* PRODUCTION

DATE FIRST PRODUCTION
1-3-98

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)

Pumping - 2-1/2" x 1-1/2" x 16' RHAC pump

WELL STATUS (Producing or shut-in)
producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 Day Avg	1/1/98	N/A	→	128	128	10	1.000

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
		→				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Items in #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Debbie Knight

TITLE

Permitting Specialist

DATE

2/9/98

(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	3762'					
Garden Gulch 2	4095'					
Point 3	4325'					
X Marker	4618'					
Y Marker	4654'					
Douglas Creek	4752'					
Bi-Carb	5008'					
B-Lime	5114'					
Castle Peak	5708'					
Basal Carbonate	NDE					
Total Depth	5921'					

WEST POINT UNIT WELL LISTING

AS OF 7/13/98

T. 8 & 9S, R. 16E

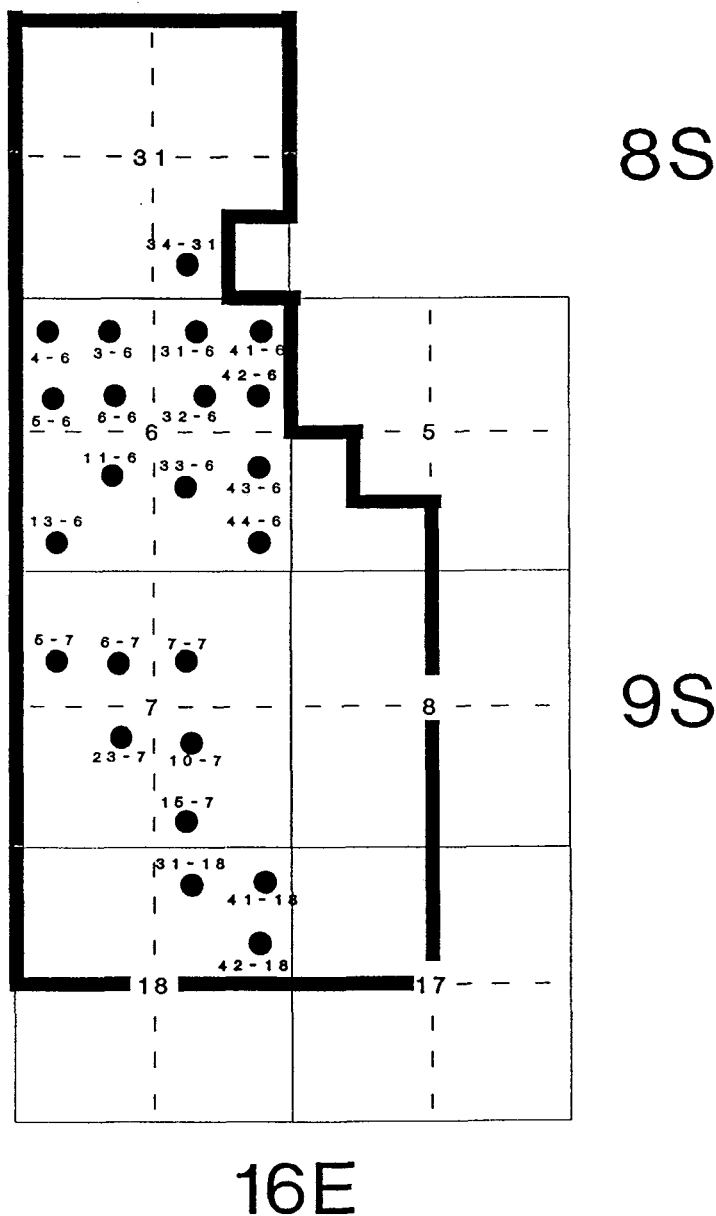
SEC.	FIELD	WELL NAME	STATUS	API NUMBER	
6	WEST POINT UNIT	MON FED #31-6Y	PROD	4301331717	12060
6	WEST POINT UNIT	FED 32-16-09-16Y	PROD	4301331730	11211
6	WEST POINT UNIT	MON FED #42-6Y	PROD	4301331625	11947
6	WEST POINT UNIT	MON FED #43-6Y	PROD	4301331644	11960
6	WEST POINT UNIT	MON FED #33-6Y	PROD	4301331558	11933
6	WEST POINT UNIT	FED 44-16-09-16Y	PROD	4301331720	12066
7	WEST POINT UNIT	MON FED #23-7Y	PROD	4301331694	12019
18	WEST POINT UNIT	MON FED #41-18Y	PROD	4301331640	11941
18	WEST POINT UNIT	FED 31-18-9-16Y	PROD	4301331725	12104
18	WEST POINT UNIT	FED 42-18-09-16Y	PROD	4301331724	12124
31	WEST POINT UNIT	MON FED 34-31-8-16	PROD	4301331715	12067
6	WEST POINT UNIT	MON FED 41-6-9-16Y	PROD	4301331718	12043
6	WEST POINT UNIT	NINE MILE 3-6	PROD	4301331810	12264
6	WEST POINT UNIT	NINE MILE 11-6	PROD	4301331812	12266
6	WEST POINT UNIT	NINE MILE FEDERAL 15-6-9-16	PROD	4301332200	12327
7	WEST POINT UNIT	NINE MILE 6-7	PROD	4301331776	12290
7	WEST POINT UNIT	NINE MILE 10-7	PROD	4301331773	12286
7	WEST POINT UNIT	NINE MILE FEDERAL 12-7-9-16	PROD	4301332204	12328
6	WEST POINT UNIT	NINE MILE 4-6	PROD	4301331952	12282
6	WEST POINT UNIT	NINE MILE 5-6	PROD	4301331953	12288
6	WEST POINT UNIT	NINE MILE 13-6	PROD	4301331954	12284
6	WEST POINT UNIT	NINE MILE 6-6	PROD	4301331719	12289
7	WEST POINT UNIT	NINE MILE 5-7	PROD	4301331777	12291
7	WEST POINT UNIT	NINE MILE 7-7	PROD	4301331778	12292
7	WEST POINT UNIT	NINE MILE 15-7	PROD	4301331803	12287
7	WEST POINT UNIT	NINE MILE 2-7	PROD	4301332201	12316
7	WEST POINT UNIT	NINE MILE 3-7	PROD	4301332202	12313
7	WEST POINT UNIT	NINE MILE 4-7	PROD	4301332203	12325
	WEST POINT UNIT	NINE MILE 14-6	P&A	4301331999	

WEST POINT (GR) UNIT ENTITY 12418 EFF 6-1-98.

WEST POINT (GREEN RIVER) UNIT

Duchesne County, Utah

EFFECTIVE: JUNE 1, 1998



UNIT OUTLINE (UTU77107X)

2,738.19 ACRES

SECONDARY
ALLOCATION

FEDERAL 100%

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2036 FNL 2070 FWL SE/NW Section 7, T09S R16E

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

WEST POINT (GR RVR)

8. Well Name and No.

NINE MILE 6-7

9. API Well No.

43-013-31776

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

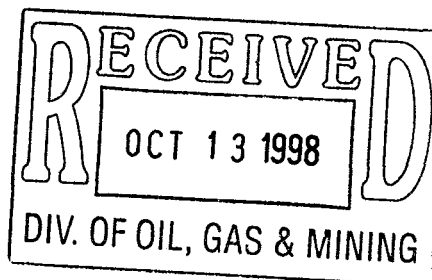
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Site Security

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Lillie E. Knight

Title

Manager, Regulatory Compliance

Date

10/7/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

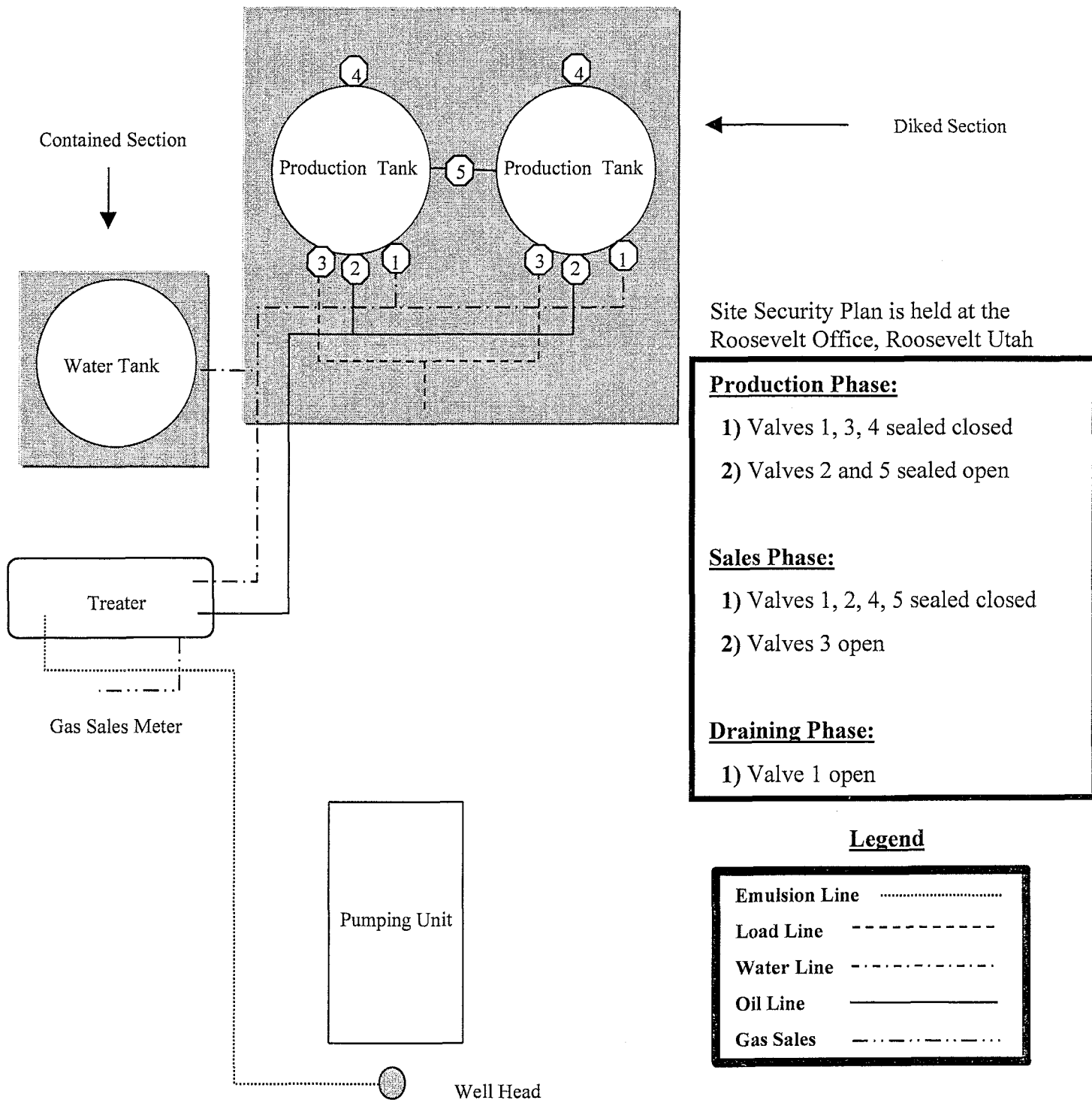
Inland Production Company Site Facility Diagram

Nine Mile Federal 6-7

SE/NW Sec. 7, T9S, 16E

Duchesne County

May 12, 1998



(Jun ay

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2036 FNL 2070 FWL SE/NW Section 7, T9S R16E

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

WEST POINT (GR RVR)

8. Well Name and No.

NINE MILE 6-7

9. API Well No.

43-013-31776

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

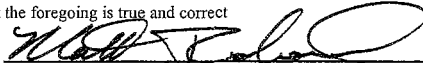
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well had recompletion procedures initiated in the Green River formation on 4/4/03. Existing production equipment was pulled from well. A bit & scraper was run in well. Two new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: A1 sds @ 5205'-5214' & 5220'-5222' and B2 sds @ 5074'-5077' (all 4 JSPF) fraced down 2 7/8 N-80tbg W/ 48,894# 20/40 sand in 393 bbls Viking I-25 fluid. Stage #2: GB4 sds @ 4254'-4266' & GB6 sds @ 4298'-4302' (all 4 JSPF) fraced down 5 1/2" 15.5# casing W/ 68,104# 20/40 sand in 516 bbls Viking I-25 fluid. Frac was flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & production tbg were run and anchored in well w/tubing anchor @ 5640', pump seating nipple @ 5675', and end of tubing string @ 5739'. A repaired 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 4/14/03.

RECEIVED**APR 21 2003**

14. I hereby certify that the foregoing is true and correct

Signed



Title

Production Clerk

Date

4/18/2003

Matthew Richmond

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):
 N5160-Inland Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

TO: (New Operator):
 N2695-Newfield Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

CA No.

Unit:

WEST POINT (GREEN RIVER)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 34-31-8-16	31	080S	160E	4301331715	12418	Federal	WI	A
WEST POINT U 13-5-9-16	05	090S	160E	4301331766	12418	Federal	OW	P
MON FED 32-6-9-16Y	06	090S	160E	4301331300	12418	Federal	WI	A
MON FED 33-6-9-16Y	06	090S	160E	4301331589	12418	Federal	OW	S
MON FED 43-6-9-16Y	06	090S	160E	4301331644	12418	Federal	WI	A
MON FED 42-6-9-16Y	06	090S	160E	4301331645	12418	Federal	OW	P
MON FED 31-6-9-16Y	06	090S	160E	4301331717	12418	Federal	OW	P
MON FED 41-6-9-16Y	06	090S	160E	4301331718	12418	Federal	WI	A
NINE MILE 6-6	06	090S	160E	4301331719	12418	Federal	OW	P
MON FED 44-6-9-16Y	06	090S	160E	4301331720	12418	Federal	OW	P
WEST POINT U 12-6-9-16	06	090S	160E	4301331765	12418	Federal	OW	P
NINE MILE 11-6	06	090S	160E	4301331812	12418	Federal	WI	A
MON FED 23-7-9-16Y	07	090S	160E	4301331694	12418	Federal	WI	A
NINE MILE 10-7	07	090S	160E	4301331773	12418	Federal	OW	P
NINE MILE 6-7	07	090S	160E	4301331776	12418	Federal	OW	P
NINE MILE 5-7	07	090S	160E	4301331777	12418	Federal	WI	A
NINE MILE 7-7	07	090S	160E	4301331778	12418	Federal	WI	A
NINE MILE 15-7	07	090S	160E	4301331803	12418	Federal	WI	A
NINE MILE 16-7-9-16	07	090S	160E	4301331804	12418	Federal	OW	P
MON FED 41-18-9-16Y	18	090S	160E	4301331646	12418	Federal	WI	A
MON FED 42-18-9-16Y	18	090S	160E	4301331724	12418	Federal	OW	S
MON BUTTE FED 31-18-9-16Y	18	090S	160E	4301331725	12418	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
NINE MILE #6-7-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
WELLS DRAW UNIT
LEASE #UTU-74390
AUGUST 28, 2008

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – NINE MILE #6-7
ATTACHMENT E-1	WELLBORE DIAGRAM – NINE MILE #12-7-9-16
ATTACHMENT E-2	WELLBORE DIAGRAM – NINE MILE #4-7
ATTACHMENT E-3	WELLBORE DIAGRAM – NINE MILE #3-7-9-16
ATTACHMENT E-4	WELLBORE DIAGRAM – NINE MILE #2-7
ATTACHMENT E-5	WELLBORE DIAGRAM – NINE MILE #5-7
ATTACHMENT E-6	WELLBORE DIAGRAM – NINE MILE #7-7-9-16
ATTACHMENT E-7	WELLBORE DIAGRAM – WEST POINT FED #I-7-9-16
ATTACHMENT E-8	WELLBORE DIAGRAM – WEST POINT #8-7-9-16
ATTACHMENT E-9	WELLBORE DIAGRAM – WEST POINT FED #N-7-9-16
ATTACHMENT E-10	WELLBORE DIAGRAM – MONUMENT FEDERAL #23-7-9-16Y
ATTACHMENT E-11	WELLBORE DIAGRAM – NINE MILE #10-7
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED 12/19/97-1/4/98 & 4/8/03-4/10/03
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Nine Mile #6-7-9-16
Field or Unit name: Monument Butte (Green River), Wells Draw Unit West point unit Lease No. UTU-74390
Well Location: QQ SE/NW section 7 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? Yes [X] No []

Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
Disposal? Yes [] No [X]
Storage? Yes [] No [X]

Is this application for a new well to be drilled? Yes [] No [X]

If this application is for an existing well,
has a casing test been performed on the well? Yes [] No [X]

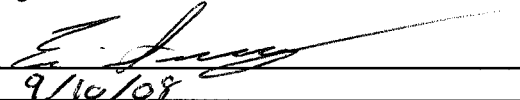
Date of test: _____
API number: 43-013-31776

Proposed injection interval: from 4095 to 5921
Proposed maximum injection: rate 500 bpd pressure 1841 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Regulatory Analyst Date 9/10/08
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Nine Mile #6-7-9-16

Spud Date: 11/10/97
Put on Production: 4/14/03
GL: 5960' KB: 5972'

Initial Production: 128 BOPD,
128 MCFPD, 10 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (283.47')
DEPTH LANDED: 284.14' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5897.53')
DEPTH LANDED: 5908.49'
HOLE SIZE: 7-7/8"
CEMENT DATA: 405 sxs Hibond mixed & 345 sxs thixotropic
CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/WT: 2 7/8" / M-50 / 6.5#
NO. OF JOINTS: 181 jts (5628.41')
TUBING ANCHOR: 5640.41' KB
NO. OF JOINTS: 1 jt (31.41')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 5674.58' KB
NO. OF JOINTS: 2 jts (62.83')
TOTAL STRING LENGTH: EOT @ 5739' KB

Proposed Injection Wellbore Diagram

Cement Top @ 170'

Packer @ 4219'

4254'-4266'

4298'-4302'

4799'- 4808'

4810'- 4817'

4822'- 4824'

4928'- 4941'

4971'- 4976'

5074'-5077'

5205'-5214'

5220'-5222'

5708'- 5713'

5735'- 5749'

5755'- 5757'

PBTD @ 5868'

TD @ 5921'

FRAC JOB

12/22/97 5708'-5757' **Frac CP sand as follows:**
127,200# of 20/40 sd in 621 bbls Boragel.
Treated @ avg rate 31.2 bpm, avg press 1700
psi. ISIP 2300 psi. Calc. Flush: 5708 gal.
Actual flush: 5955 gal.

12/24/97 4928'-4976' **Frac C sand as follows:**
111,400# of 20/40 sd in 544 bbls Delta Frac.
Treated @ avg rate of 28 BPM, avg press
1700 psi. ISIP 1873 psi. Calc. Flush: 4928
gal. Actual flush: 4838 gal.

12/30/97 4799'-4824' **Frac D sand as follows:**
124,300# 20/40 sand in 574 bbls Delta Frac.
Treated w/avg press of 1690 psi w/avg rate of
28.2 BPM. ISIP 2235 psi. Calc. Flush: 4799
gal. Actual flush: 4695 gal.

7/16/02 Tubing leak. Update rod and tubing details.

04/09/03 5074'-5222' **Frac B2 & A1 sands as follows:**
48,894# 20/40 sand in 393 bbls Viking I-25
fluid. Treated @ avg. press of 4000 psi with
avg. rate of 18.2 BPM. ISIP 1960 psi. Calc.
Flush: 1,315 gal. Actual flush: 1218 gal.

04/09/03 4254'-4302' **Frac GB sands as follows:**
68,104# 20/40 sand in 516 bbls Viking I-25
fluid. Treated @ avg. press of 2140 psi with
avg. rate of 26.8 BPM. ISIP 2130 psi. Calc.
flush: 4253 gal. Actual flush: 4158 gal.

05/31/03 Stuck Pump. Update rod detail.

04/19/04 Pump Change.

PERFORATION RECORD

12/19/97	5708'-5713'	4 JSPF	20 holes
12/19/97	5735'-5749'	4 JSPF	56 holes
12/19/97	5755'-5757'	4 JSPF	8 holes
12/23/97	4928'-4941'	4 JSPF	52 holes
12/23/97	4971'-4976'	4 JSPF	20 holes
12/29/97	4799'-4808'	4 JSPF	36 holes
12/29/97	4810'-4817'	4 JSPF	28 holes
12/29/97	4822'-4824'	4 JSPF	8 holes
04/07/03	4254'-4266'	4 JSPF	48 holes
04/07/03	4298'-4302'	4 JSPF	16 holes
04/07/03	5074'-5077'	4 JSPF	12 holes
04/07/03	5205'-5214'	4 JSPF	36 holes
04/07/03	5220'-5222'	4 JSPF	8 holes

NEWFIELD



Nine Mile #6-7
2036 FNL & 2070 FWL
SE/NW Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-31776; Lease #UTU-74390

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Nine Mile #6-7-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Nine Mile #6-7-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4095' -5708'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3762' and the TD is at 5921'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Nine Mile #6-7-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #UTU-74390) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 284' KB, and 5-1/2", 15.5# casing run from surface to 5908' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1841 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Nine Mile #6-7-9-16, for existing perforations (4254' - 5757') calculates at 0.81 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1841 psig. We may add additional perforations between 4095' and 5921'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Nine Mile #6-7-9-16, the proposed injection zone (4095' - 5708') is in the Garden Gulch to Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-11.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

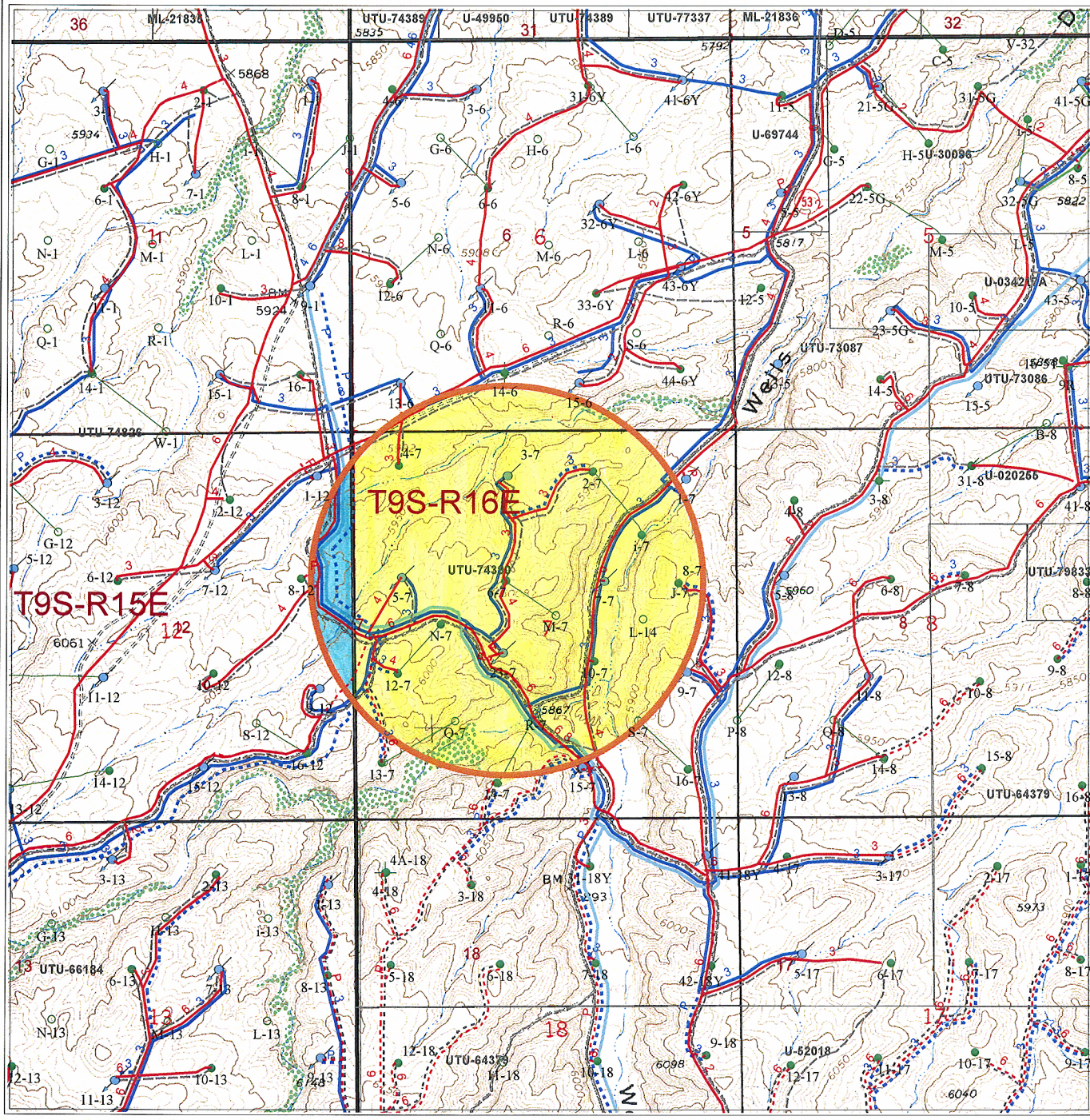
- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.

AHammert A



UTU-74390
UTU-74826

- Well Status
- Location
 - CTI
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - ★ Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
- Countyline
- Injection system
- high pressure
 - low pressure
 - proposed
 - return
 - return proposed
- Gas Pipelines
- Gathering lines
 - Proposed lines
- Leases
- Mining tracts
 - 6-7-9-16 1/2mile radius

Federal 6-7-9-16
Section 7, T9S-R16E



1/2 Mile Radius Map
Duchesne County

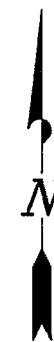
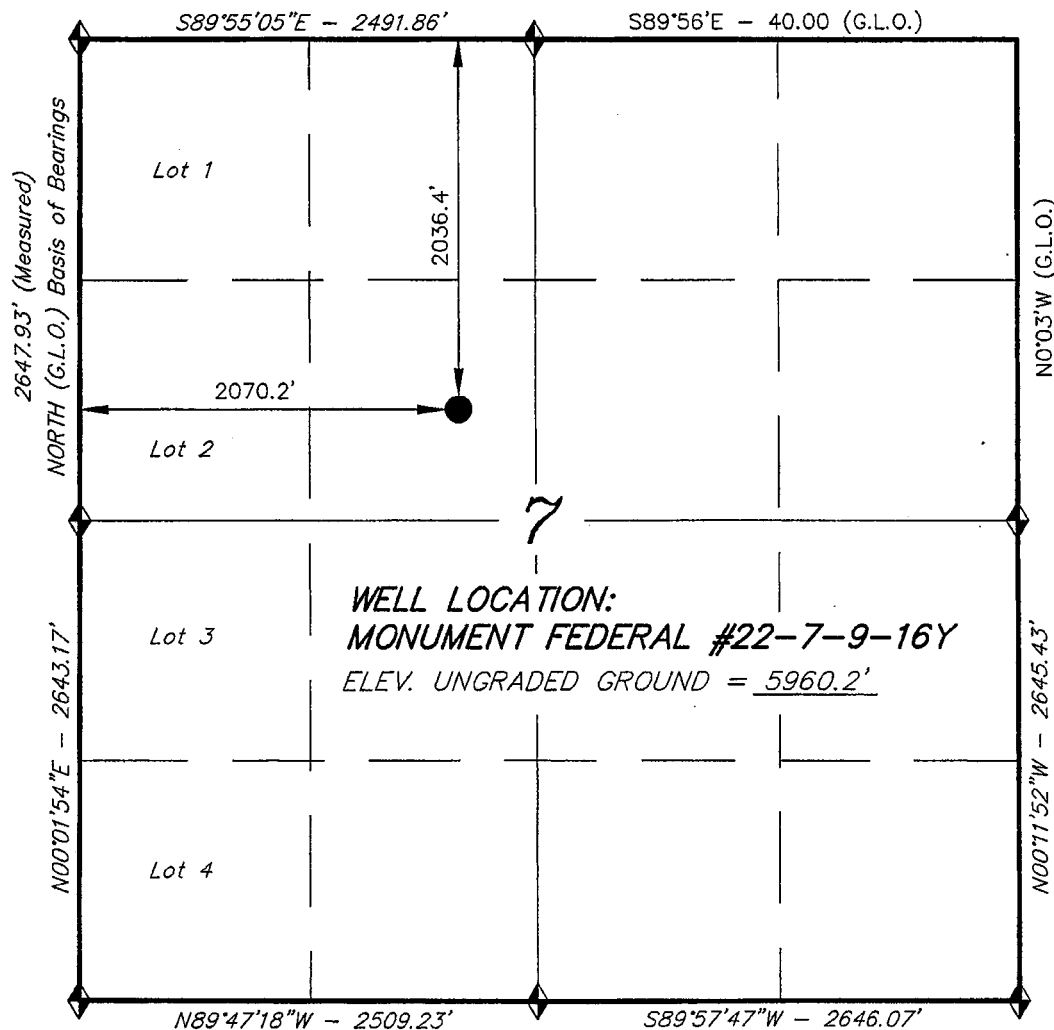
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

July 15, 2008

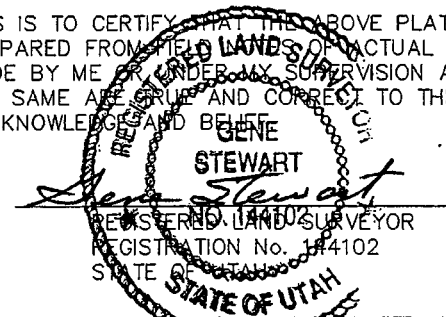
T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #22-7-9-16Y, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S.
DATE: 12-14-96	WEATHER: COLD
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

6-7-9-16

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 9 South, Range 16 East Section 6 All Section 7 All All lands within lease boundaries	U-74390 HBP	Newfield Production Company 1001 17 th Street Suite 1000 Denver, Co 80202 Yates Drilling Company 105 S 4 th Street Artesia, NM 88210 Myco Industries 105 S 4 th Street Artesia, NM 88210 Yates petroleum Corporation 105 S 4 th Street Artesia, NM 88210 ABO Petroleum Corporation 105 S 4 th Street Artesia, NM 88210	(Surface Rights) USA
2	Township 9 South, Range 15 East Section 12 All All lands within lease boundaries	UTU-74826 HBP	Newfield Production Company 1001 17 th Street Denver, Co 80202 Newfield RMI 1001 17 th Street Denver, Co 80202	(Surface Rights) USA


ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Nine Mile #6-7-9-16

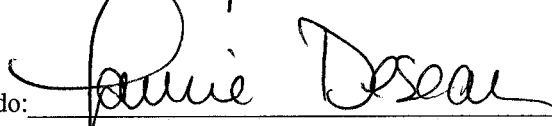
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____


Newfield Production Company
Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this 17th day of September, 2008.

Notary Public in and for the State of Colorado: _____



My Commission Expires: _____

05/05/2009

A H H H H H H H E

Nine Mile #6-7-9-16

Spud Date: 11/10/97
Put on Production: 4/14/03
GL: 5960' KB: 5972'

Initial Production: 128 BOPD,
128 MCFPD, 10 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (283.47')
DEPTH LANDED: 284.14' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5897.53')
DEPTH LANDED: 5908.49'
HOLE SIZE: 7-7/8"
CEMENT DATA: 405 sxs Hibond mixed & 345 sxs thixotropic
CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/WT: 2 7/8" / M-50 / 6.5#
NO. OF JOINTS: 181 jts (5628.41')
TUBING ANCHOR: 5640.41' KB
NO. OF JOINTS: 1 jt (31.41')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 5674.58' KB
NO. OF JOINTS: 2 jts (62.83')
TOTAL STRING LENGTH: EOT @ 5739' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22' SM
SUCKER RODS: 6-1 1/2" weight rods, 14-3/4" scraped rods, 111-3/4" plain rods, 95-3/4" scraped rods, 1-8' x 3/4" pony rods.
PUMP SIZE: 2 1/2" x 1 1/2" x 15.5' RHAC
STROKE LENGTH: 52"
PUMP SPEED, SPM: 7 SPM
LOGS: DIGL/SP/GR/CAL (5914'-295')
DSN/SDL/GR (5888'-3000')

FRAC JOB

12/22/97 5708'-5757' Frac CP sand as follows:
127,200# of 20/40 sd in 621 bbls Boragel.
Treated @ avg rate 31.2 bpm, avg press 1700 psi. ISIP 2300 psi. Calc. Flush: 5708 gal. Actual flush: 5955 gal.

12/24/97 4928'-4976' Frac C sand as follows:
111,400# of 20/40 sd in 544 bbls Delta Frac.
Treated @ avg rate of 28 BPM, avg press 1700 psi. ISIP 1873 psi. Calc. Flush: 4928 gal. Actual flush: 4838 gal.

12/30/97 4799'-4824' Frac D sand as follows:
124,300# 20/40 sand in 574 bbls Delta Frac.
Treated w/avg press of 1690 psi w/avg rate of 28.2 BPM. ISIP 2235 psi. Calc. Flush: 4799 gal. Actual flush: 4695 gal.

7/16/02 Tubing leak. Update rod and tubing details.

04/09/03 5074'-5222' Frac B2 & A1 sands as follows:
48,894# 20/40 sand in 393 bbls Viking I-25 fluid. Treated @ avg. press of 4000 psi with avg. rate of 18.2 BPM. ISIP 1960 psi. Calc. Flush: 1,315 gal. Actual flush: 1218 gal.

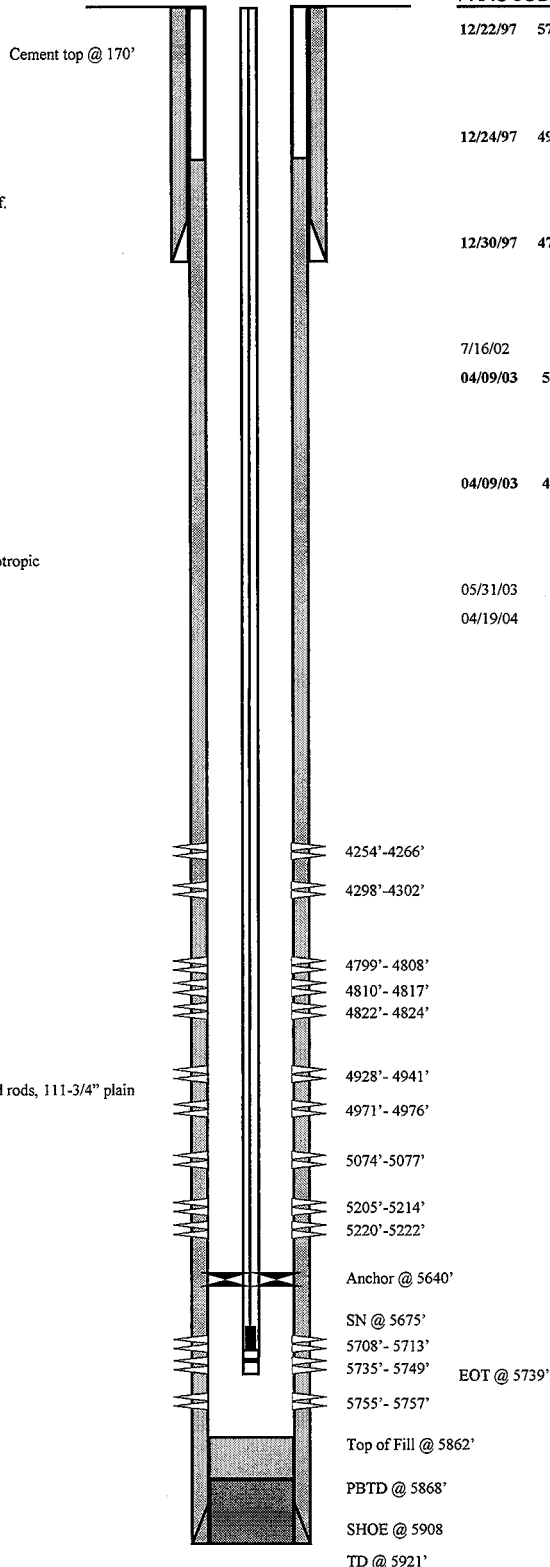
04/09/03 4254'-4302' Frac GB sands as follows:
68,104# 20/40 sand in 516 bbls Viking I-25 fluid. Treated @ avg. press of 2140 psi with avg. rate of 26.8 BPM. ISIP 2130 psi. Calc. flush: 4253 gal. Actual flush: 4158 gal.

05/31/03 Stuck Pump. Update rod detail.

04/19/04 Pump Change.

PERFORATION RECORD

12/19/97 5708'-5713' 4 JSPF 20 holes
12/19/97 5735'-5749' 4 JSPF 56 holes
12/19/97 5755'-5757' 4 JSPF 8 holes
12/23/97 4928'-4941' 4 JSPF 52 holes
12/23/97 4971'-4976' 4 JSPF 20 holes
12/29/97 4799'-4808' 4 JSPF 36 holes
12/29/97 4810'-4817' 4 JSPF 28 holes
12/29/97 4822'-4824' 4 JSPF 8 holes
04/07/03 4254'-4266' 4 JSPF 48 holes
04/07/03 4298'-4302' 4 JSPF 16 holes
04/07/03 5074'-5077' 4 JSPF 12 holes
04/07/03 5205'-5214' 4 JSPF 36 holes
04/07/03 5220'-5222' 4 JSPF 8 holes



NEWFIELD



Nine Mile #6-7
2036 FNL & 2070 FWL
SE/NW Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-31776; Lease #UTU-74390

A Ham. E-1

Nine Mile #12-7-9-16

Spud Date: 3-16-98
Put on Production: 4/24/98
GL: 6013' KB: 6025'

Initial Production: 123 BOPD,
169 MCFPD, 4 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts
DEPTH LANDED:
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (5930')
DEPTH LANDED: 5942.18'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sks Hibond mixed & 320 sks thixotropic
CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 183 jts (5680.73')
TUBING ANCHOR: 5692.73'
NO. OF JOINTS: 1 jts (30.22')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5725.75' KB
NO. OF JOINTS: 2 jts Gas anchor (61.70')
TOTAL STRING LENGTH: EOT @ 5789.00'

SUCKER RODS

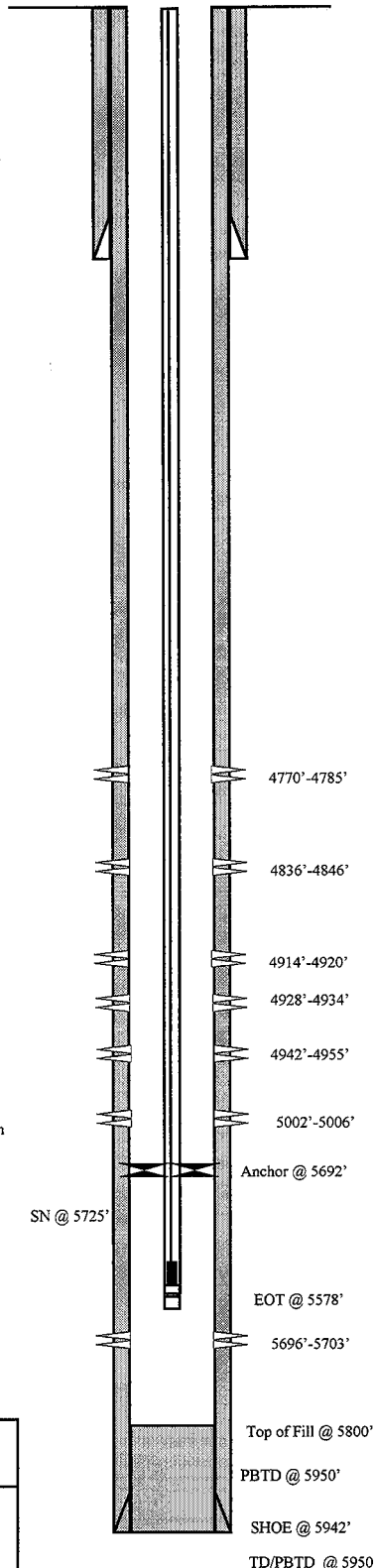
POLISHED ROD: 1-1 1/2" x 22' SM
SUCKER RODS: 6-1 1/2" weight bars; 23-3/4" scraped rods; 106-3/4" plain rods, 93-3/4" scraped rods, 4', 4', 4', 2', 2', x 3/4" pony rods.
PUMP SIZE: 2 1/2" x 1 1/2" x 12'x 14.5 RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

4/15/98	5696'-5703'	Frac CP sand as follows: 120,300# of 20/40 sd in 598 bbls Delta Gel. Treated @ avg press 2140 psi. & avg rate 28 bpm, ISIP 2542 psi. Flowback for 4.5 hrs & died.
4/16/98	4914'-5006'	Frac C/B sands as follows: 92,400# of 20/40 sd in 468 bbls Delta Gel. Treated @ avg press 1350 psi. & avg rate 28.1 bpm, ISIP 2564 psi. Flowback for 2.5 hrs & died.
4/20/98	4770'-4846'	Frac D sand as follows: 115,300# of 20/40 sd in 534 bbls Delta Gel. Treated @ avg press 2400 psi. & avg rate 32 bpm, ISIP 3233 psi. Flowback for 2.5 hrs & died.
1/31/02		Pump change. Update rod and tubing details.
4/05/02		Pump change. Update rod and tubing details.
7/31/03		Pump change. Update rod detail.
03/01/06		Pump Change. Update rod and tubing details.

PERFORATION RECORD

4/15/98	5696'-5703'	4 JSFP	28 holes
4/16/98	5002'-5006'	4 JSFP	16 holes
4/16/98	4942'-4955'	4 JSFP	52 holes
4/16/98	4928'-4934'	4 JSFP	24 holes
4/16/98	4914'-4920'	4 JSFP	24 holes
4/18/98	4836'-4846'	4 JSFP	90 holes
4/18/98	4770'-4785'	4 JSFP	60 holes



NEWFIELD

Nine Mile #12-7-9-16
1980 FSL & 594 FWL
NWSW Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-32014; Lease #UTU-74390

Nine Mile #4-7

Spud Date: 3-2-98
Put on Production: 4-11-98
GL: 5943' KB: ?

Initial Production: ? BOPD, ?
MCFPD, ? BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (288')
DEPTH LANDED: 289'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est ? bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (5953')
DEPTH LANDED: 5942'
HOLE SIZE: 7-7/8"
CEMENT DATA: 455 sxs Hibond mixed & 390 sxs thixotropic
CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 182 jts
TUBING ANCHOR: 5681'
TOTAL STRING LENGTH: ?
SN LANDED AT: 5809'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4-1 1/2" wt rods; 4-3/4" scraped; 128-3/4" plain; 95-3/4" scraped; 1-8", 1-6", 1-4", 1-2"x3/4" pony rods
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 6 SPM
LOGS: DIGL/SP/GR/CAL

FRAC JOB

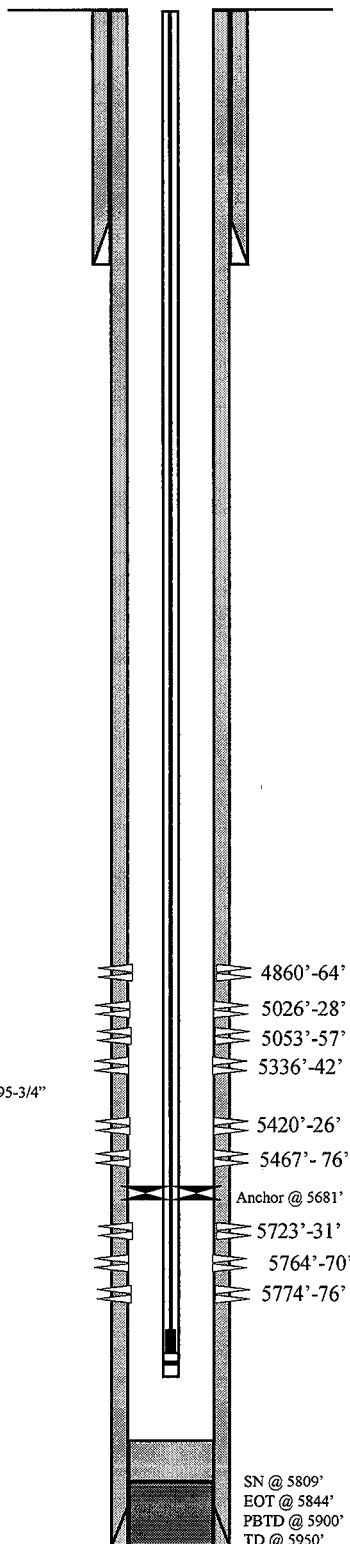
4-3-98 5723'-5776' **Frac CP sand as follows:**
120,300# of 20/40 sd in 576 bbls
Boragel. Breakdown @ 3170psi.
Treated @ avg rate 28 bpm, avg press 1900 psi. ISIP-2448 psi, 5-min 2204 psi.
Flowback on 12/64" ck for 5 hrs & died.

4-7-98 5336'-5476' **Frac A/LDC sand as follows:**
141,300# of 20/40 sd in 661 bbls Delta
Frac. Breakdown @ 2761 psi. Treated @ avg rate of 31.8, avg press 2670 psi.
ISIP- 3364 psi, 5-min 2980 psi.
Flowback on 12/64" ck for 6-1/2 hrs & died.

4-8-98 4860'-5057' **Frac D/B sand as follows:**
141,300# 20/40 sand in 650 bbls Delta.
Breakdown @ 3629 psi. Treated w/avg press of 2650 psi, w/avg rate of 39 BPM.
ISIP-2247 psi, 5 min 2089 psi. Flowback on 12/64" ck for 3 hrs & died.

PERFORATION RECORD

4-3-98	5723'-5731'	4 JSPF	32 holes
4-3-98	5764'-5770'	4 JSPF	24 holes
4-3-98	5774'-5776'	4 JSPF	8 holes
4-5-98	5336'-5342'	4 JSPF	24 holes
4-5-98	5420'-5426'	4 JSPF	24 holes
4-5-98	5467'-5476'	4 JSPF	36 holes
4-8-98	4860'-4864'	4 JSPF	16 holes
4-8-98	5026'-5028'	4 JSPF	8 holes
4-8-98	5053'-5057'	4 JSPF	16 holes



NEWFIELD

Nine Mile #4-7
465 FNL 6294 FWL
NWNW Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-32013; Lease #UTU-74390

Nine Mile #3-7-9-16

Spud Date: 2-19-98
Put on Production: 3-31-98
GL: 5933' KB: 5943'

Initial Production: 62 BOPD,
251 MCFPD, 3 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (289')
DEPTH LANDED: 290'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

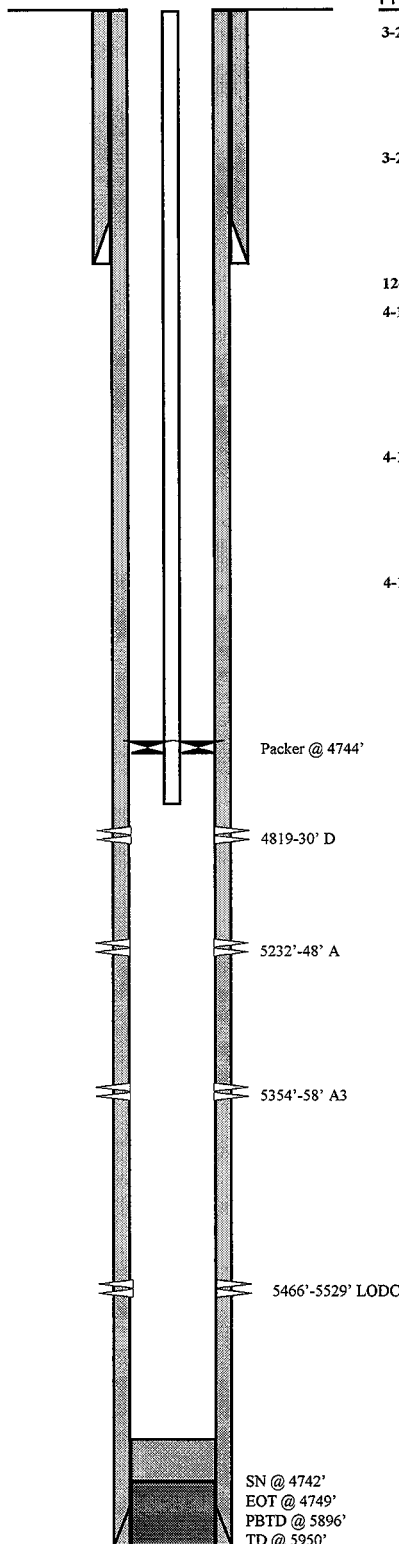
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (5927')
DEPTH LANDED: 5938'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sks Hibond mixed & 340 sks thixotropic
CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 152 jts
PACKER: 4744'
TOTAL STRING LENGTH: 4749'
SN LANDED AT: 4742'

Injection Wellbore Diagram



FRAC JOB

3-26-98 5232'-5248' **Frac A sand as follows:**
104,300# of 20/40 sd in 525 bbls
Delta. Breakdown @ 1599 psi. Treated
@ avg rate 25.5 bpm, avg press 2650 psi.
ISIP-3323 psi, 5-min 2806 psi. Flowback
for 3 hrs & died.

3-28-98 4819'-4830' **Frac D sand as follows:** 104,300#
of 20/40 sd in 519 bbls Delta Frac.
Breakdown @ 3020 psi. Treated @ avg
rate of 26, avg press 2248 psi. ISIP- 2445
psi, 5-min 2041 psi. Flowback on 12/64"
ck for 5 hrs & died.

12-26-00 Convert to injector.

4-12-01 5354'-5529' **Break A/LDC sand as follows:**
Pressured up on perfs 5429'-5566' to
2400 psi, broke back to 1800 psi.
Pumped 20 bbl wtr @ 1bpm. Pressured
up on perfs 5354'-58' to 1500 psi.
Pumped 20 bbl wtr @ 1bpm. ISIP 1300
psi.

4-13-01 5354'-5529' **Acidize A/LDC sand as follows:**
Spot 4 bbl 15% HCl on perfs 5429'-
5566'. Pump 27 BW @ 2700 psi, broke
back to 1800 psi. Spot 2 bbl 15% HCl on
perfs 5354'-5358'. Pumped 12 BW. ISIP
1300 psi.

4-18-01 MIT performed.

PERFORATION RECORD

3-26-98	5232'-5248'	4 JSPF	64 holes
3-27-98	4819'-4830'	4 JSPF	44 holes
4-11-01	5354'-5358'	4 JSPF	16 holes
4-11-01	5466'-5529'	4 JSPF	126 holes



Nine Mile #3-7-9-16
609 FNL 2105 FWL
NENW Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-32012; Lease #UTU-74390

Nine Mile #2-7

Spud Date: 2-23-98
Put on Production: 3-31-98
GL: 5904' KB: ?

Initial Production: 107 BOPD,
166 MCFPD, 12 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (286')
DEPTH LANDED: 287'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 4.5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (5892')
DEPTH LANDED: 5903'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sks Hibond mixed & 350 sks thixotropic
CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 167 jts (5224.67')
TUBING ANCHOR: 5236.67'
NO. OF JOINTS: 2 jts (62.47')
SN LANDED AT: 5301.94'
PERF'D SUB: (4.00')
NO. OF JOINTS: 2 jts (62.56')
TOTAL STRING LENGTH: 5370.05' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2', 1-4', 1-6', 1-8' x 3/4" ponys, 80- 3/4" guided rods, 90- 3/4" plain rods, 34- 3/4" guided rods, 6-1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x16' RHAC w/ SM plunger
STROKE LENGTH: 52"
PUMP SPEED, SPM: 4 SPM
LOGS: DIGL/SP/GR/CAL (5940'-300'), DSN/SDL/GR (5924'-3000')

FRAC JOB

3-21-98 5217'-5258' **Frac A sand as follows:**
111,300# of 20/40 sd in 560 bbls Delta. Breakdown @ 3563 psi. Treated @ avg rate 31 bpm, avg press 2500 psi. ISIP-2624 psi, 5-min 2449 psi. Flowback for 3 hrs & died.

3-23-98 5109'-5118' **Frac B sand as follows:**
120,300# of 20/40 sd in 572 bbls Delta. Breakdown @ 2586 psi. Treated @ avg rate of 28.5, avg press 2000 psi. ISIP- 2289 psi, 5-min 2146 psi. Flowback on 12/64" ck for 4 hrs & died.

3-26-98 4806'-4883' **Frac D sand as follows:**
127,200# 20/40 sand in 595 bbls Delta. Breakdown @ 1726 psi. Treated w/avg press of 2135 psi, w/avg rate of 30 BPM. ISIP-2302 psi, 5 min 2175 psi. Flowback on 12/64" ck for 4-1/2 hrs & died.

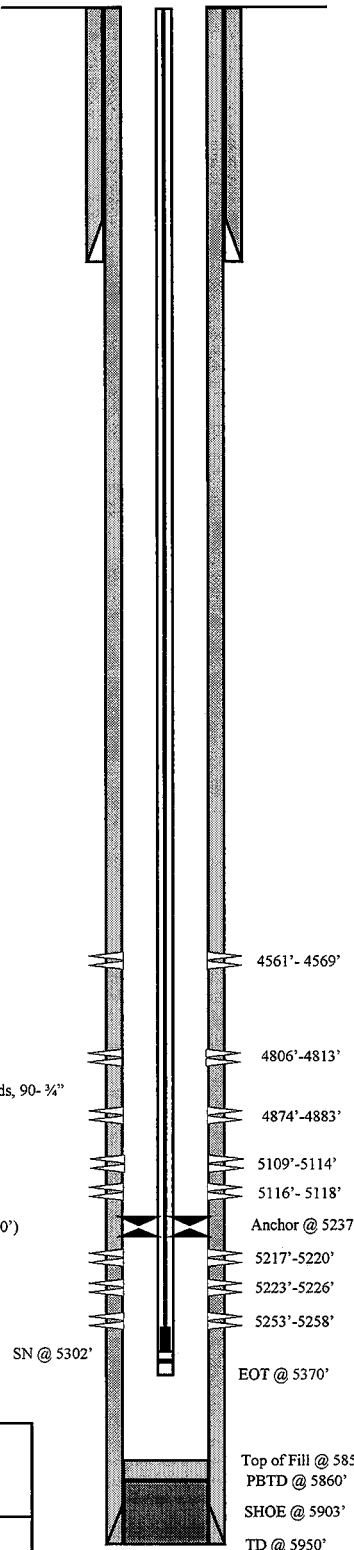
3-27-98 4561'-4569' **Frac PB sand as follows:**
81,300# 20/40 sand in 432 bbls Delta. Breakdown @ 2395 psi. Treated w/avg press of 2475 psi, w/avg rate of 27.1 BPM. ISIP-2654 psi, 5 min 2311 psi. Flowback on 12/64" ck for 3-1/2 hrs & died.

2-10-04 Pump change. Update tubing and rod details.

6-2-05 Tubing leak. Update tubing and rod details.

PERFORATION RECORD

Date	Interval	Tool	Holes
3-20-98	5217'-5220'	4 JSPF	12 holes
3-20-98	5223'-5226'	4 JSPF	12 holes
3-20-98	5253'-5258'	4 JSPF	20 holes
3-22-98	5109'-5114'	4 JSPF	20 holes
3-22-98	5116'-5118'	4 JSPF	8 holes
3-25-98	4806'-4813'	4 JSPF	28 holes
3-25-98	4874'-4883'	4 JSPF	36 holes
3-27-98	4561'-4569'	4 JSPF	32 holes



NEWFIELD

Nine Mile #2-7
567 FNL 1924 FEL
NWNE Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-32011; Lease #UTU-74390

Altam. E-5

Nine Mile #5-7

Spud Date: 11/16/97
Put on Production: 11/23/97
GL: 5978' KB: 5990'

Initial Production: 92 BOPD,
140 MCFPD, 5 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 287.97'
DEPTH LANDED: 288.64'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (5930')
DEPTH LANDED: 5942'
HOLE SIZE: 7-7/8"
CEMENT DATA: 395 sks Hibond mixed & 360 sks thixotropic
CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 152 jts
TUBING ANCHOR: 4715'
TOTAL STRING LENGTH: ?
SN LANDED AT: 4780'

SUCKER RODS

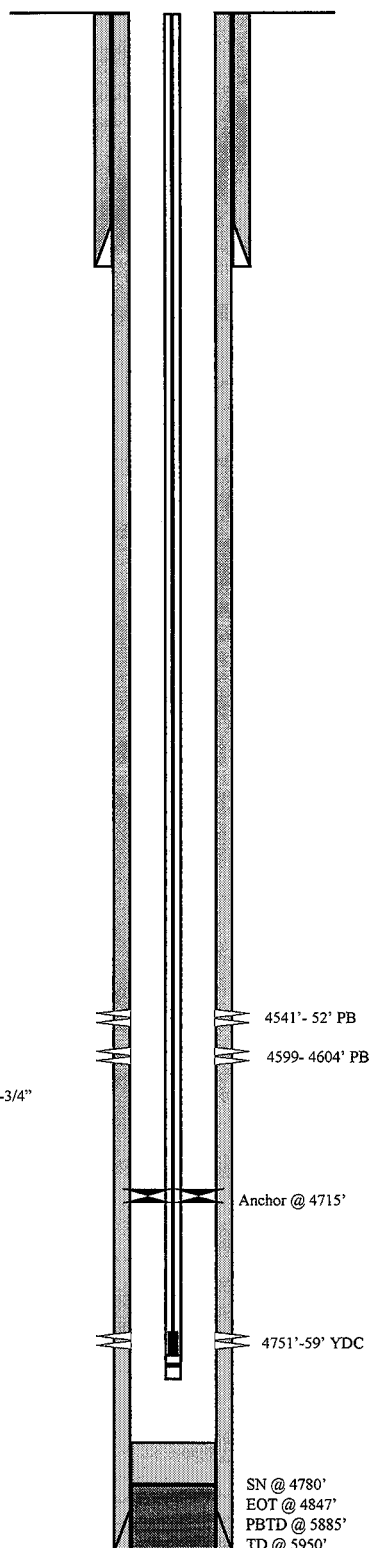
POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4-11/2" wt rods; 4-3/4" scraped; 87-3/4" plain; 95-3/4" scraped; 1-8", 1-6" x 3/4" pony rods
PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 8 SPM
LOGS: DIGL/SP/GR/CAL (5948'-304')
DSN/SDL/GR (5949'-5899')

FRAC JOB

12/23/97 4751'-4759' Frac YDC sand as follows:
104,300# of 20/40 sd in 513 bbls Boragel. Treated @ avg rate 26.3 bpm, avg press 2000 psi. ISIP-1998 psi, 5-min 1865 psi. Flowback for 3-1/2hrs.
12/24/97 4541'-4604' Frac PB sand as follows:
60,300# of 20/40 sd in 340 bbls Delta Frac. Breakdown @ 2260 psi. Treated @ avg rate of 24, avg press 1850 psi. ISIP-2445 psi, 5-min 2304 psi. Flowback on 12/64" ck for 3 hrs & died.

PERFORATION RECORD

12/20/97	4751'-4759'	4 JSPF	32 holes
12/24/97	4541'-4552'	4 JSPF	44 holes
12/24/97	4599'-4604'	4 JSPF	20 holes



NEWFIELD



Nine Mile #5-7
1980 FNL 660 FWL
SWNW Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-31777; Lease #UTU-74390

Nine Mile 7-7-9-16

Spud Date: 11/20/97
Put on Production: 1/12/98
GL: 5929' KB: 5941'

Initial Production: 241 BOPD,
211 MCFPD, 8 BWPD

SURFACE CASING

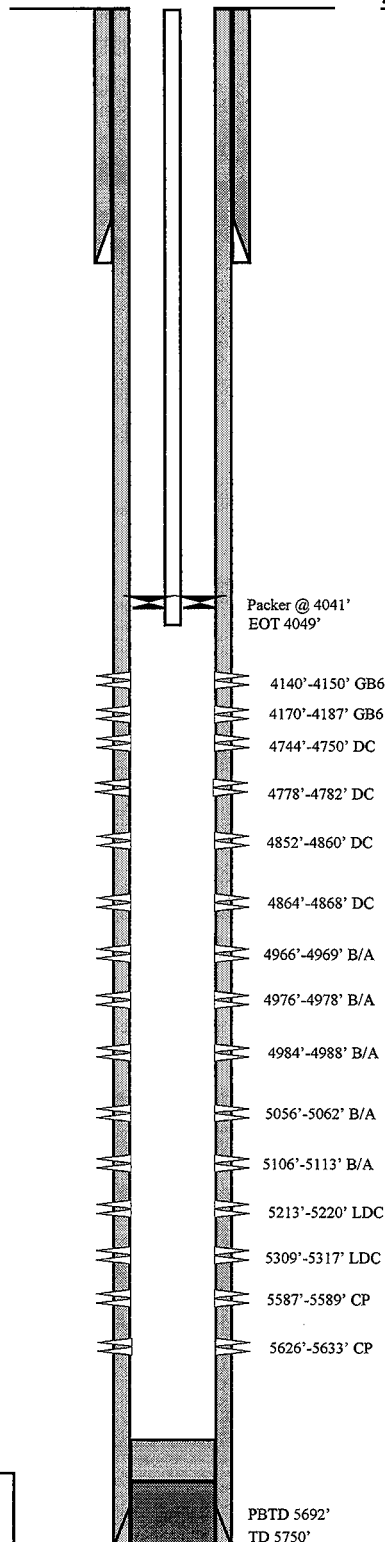
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 288'
DEPTH LANDED: 298'
HOLE SIZE: 12-1/4"
CEMENT DATA: 350 sxs Premium cmt, est 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts. (5728')
DEPTH LANDED: 5739'
HOLE SIZE: 7-7/8"
CEMENT DATA: 370 sxs Hibond mixed & 320 sxs thixotropic
CEMENT TOP AT: 3' below ground level

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 129 jts (4030.77')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4040.77 KB
TUBING PACKER: 4041.87'
TOTAL STRING LENGTH: EOT @ 4049.18'

Injection Wellbore
DiagramFRAC JOB

12/30/97 5587'-5633' **Frac CP sand as follows:**
104,300# of 20/40 sd in 518 bbls
Delta Frac. Treated @ avg rate 28.5 bpm,
avg press 1550 psi. Breakdown @ 2735
psi. ISIP-2058 psi, 5-min 1809 psi.
Flowback for 3-1/2 hrs & died.

1/1/98 5213'-5317' **Frac LDC sand as follows:** 104,300#
of 20/40 sd in 521 bbls Delta Frac.
Breakdown @ 2521 psi. Treated @ avg
rate of 30.1 BPM, avg press 2225 psi.
ISIP-2339 psi, 5-min 2228 psi. Flowback
on 12/64" ck for 4 hrs & died.

1/6/98 4966'-5113' **Frac B/A sands as follows:**
118,400# 20/40 sand in 585 bbls Delta
Frac. Breakdown @ 1585 psi. Treated
w/avg press of 1890 psi w/avg rate of
34.5 BPM. ISIP - 1964 psi, 5 min 1857
psi. Flowback on 12/64" ck for 2 hrs &
died.

1/9/98 4744'-4868' **Frac D/C sands as follows:**
1048,300# 20/40 sand in 502 bbls of
Delta Frac. Breakdown @ 2414 psi.
Treated @ avg press of 1850 psi w/avg
rate of 32.3 BPM. ISIP-2084 psi, 5 min
1937 psi. Flowback on 12/64" ck for 2-
1/2 hrs & died.

12/6/01 **Open new perfs. Break perf down.**
12/7/01 **Convert to injector.**
11/21/06 **5 Year MIT completed on 11/15/06 and
submitted on 11/21/06.**

PERFORATION RECORD

12/24/97	5587'-5589'	4 JSPF	8 holes
12/24/97	5626'-5633'	4 JSPF	28 holes
12/31/97	5213'-5220'	4 JSPF	28 holes
12/31/97	5309'-5317'	4 JSPF	32 holes
01/04/98	4966'-4969'	4 JSPF	12 holes
01/04/98	4976'-4978'	4 JSPF	8 holes
01/04/98	4984'-4988'	4 JSPF	16 holes
01/04/98	5056'-5062'	4 JSPF	24 holes
01/04/98	5106'-5113'	4 JSPF	28 holes
01/08/98	4744'-4750'	4 JSPF	24 holes
01/08/98	4778'-4782'	4 JSPF	16 holes
01/08/98	4852'-4860'	4 JSPF	32 holes
01/08/98	4864'-4868'	4 JSPF	16 holes
12/06/01	4170'-4187'	4 JSPF	68 holes
12/06/01	4140'-4150'	4 JSPF	40 holes

NEWFIELD

Nine Mile 7-7-9-16
2048' FNL & 1769' FEL
SWNE Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-31778; Lease #U-74390

West Point Fed #I-7-9-16

Spud Date: 4/23/08

Put on Production: 6/4/08
GL: 5911' KB: 5923'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 10 jts (308.39')
 DEPTH LANDED: 318.39'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154 jts
 DEPTH LANDED: 6342'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sx Premilite II and 425 sx 50/50 Poz
 CEMENT TOP AT: 74'

TUBING

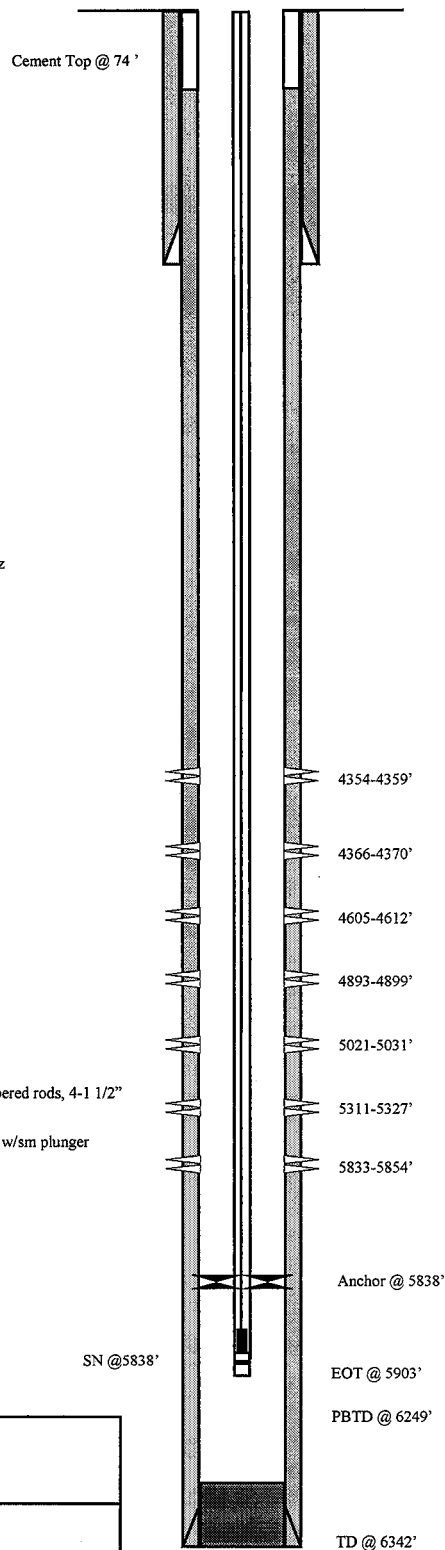
SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 185 jts (5792.81')
 TUBING ANCHOR: 5838.46' KB
 NO. OF JOINTS: 1 jt (30.85')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5838.46' KB
 NO. OF JOINTS: 2 jts (63.07')
 TOTAL STRING LENGTH: EOT @ 5903.08

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
 SUCKER RODS: 2', 6', 8' x 7/8" pony rods, 228- 7/8" scraped rods, 4-1 1/2" weight rods
 PUMP SIZE: CDI 2 1/2" x 1 3/4" x 16' x 20' RHAC pump w/sm plunger
 STROKE LENGTH: 124"
 PUMP SPEED, SPM: 6

FRAC JOB

5/29/08 5833-5854' **Frac CP2 sds as follows:**
 89,929# 20/40 sand in 710 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1557 psi @ ave rate of 26.2 BPM. ISIP 1932 psi.
 5/29/08 5311-5327' **Frac A1 sds as follows:**
 114,824# 20/40 sand in 849 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1718 psi @ ave rate of 26 BPM. ISIP 2230 psi.
 5/29/08 5021-5031' **Frac C sds as follows:**
 39,618# 20/40 sand in 402 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2103 psi @ ave rate of 23.2 BPM. ISIP 2228 psi.
 5/29/08 4893-4899' **Frac D1 sds as follows:**
 15,249# 20/40 sand in 270 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2218 psi @ ave rate of 23.3 BPM. ISIP 2058 psi.
 5/29/08 4605-4612' **Frac PB10 sds as follows:**
 24,969# 20/40 sand in 332 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2390 psi @ ave rate of 23.1 BPM. ISIP 2270 psi.
 5/29/08 4366-4370' **Frac GB4 sds as follows:**
 31,417# 20/40 sand in 374 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2111 psi @ ave rate of 23.2 BPM. ISIP 2070 psi.

PERFORATION RECORD

4354-4359'	4 JSPF	20 holes
4366-4370'	4 JSPF	16 holes
4605-4612'	4 JSPF	28 holes
4893-4899'	4 JSPF	24 holes
5021-5031'	4 JSPF	40 holes
5311-5327'	4 JSPF	64 holes
5833-5854'	4 JSPF	84 holes



West Point Fed #I-7-9-16
 551' FNL & 1910' FEL
 NW/NE Section 7-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33710; Lease #UTU-74390

A Hall. E-8

West Point #8-7-9-16

Spud Date: 3/24/2001
Put on Production: 5/01/2001
GL: 5901' KB: 55911'

Initial Production: 159.6 BOPD,
179 MCFD, 48.4 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (306.35')
HOLE SIZE: 12-1/4"
CEMENT DATA: 145 sxs Class "G" cmt,

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts. (5984.80')
DEPTH LANDED: 5980.40'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 172 jts (5554.03')
TUBING ANCHOR: 5573.13'
NO. OF JOINTS: 3 jts (96.96')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5671.19'
NO. OF JOINTS: 2 jts (62.86')
TOTAL STRING LENGTH: EOT @ 5734.50' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 1-4", 1-2" x 3/4" pony rods, 101-3/4" guided rods, 82-3/4" slick rods, 38-3/4" guided rods, 6-1 1/2" weight rods
PUMP SIZE: 2 1/2" x 1 1/2" x 12 x 15 1/2' RHAC w/ SM Plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4
LOGS: Dual Lateralog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOBS

4/23/01 5668'-5730' **Frac CP-2 sands as follows:**
31,133# 20/40 sand in 327 bbls Viking 1-25 Fluid. Treated @ avg press of 1800 psi w/ avg rate of 30 BPM. ISIP 1840 psi. Flow back on 12/64 choke for 2 hrs & died.

4/25/01 5204'- 5381' **Frac A/LODC sands as follows:**
48,733# 20/40 sand in 414 bbls Viking 1-25 Fluid. Treated @ avg press of 2080 psi w/ avg rate of 29.7 BPM. ISIP 2160 psi. Flow back on 12/64 choke for 2.5 hrs & died.

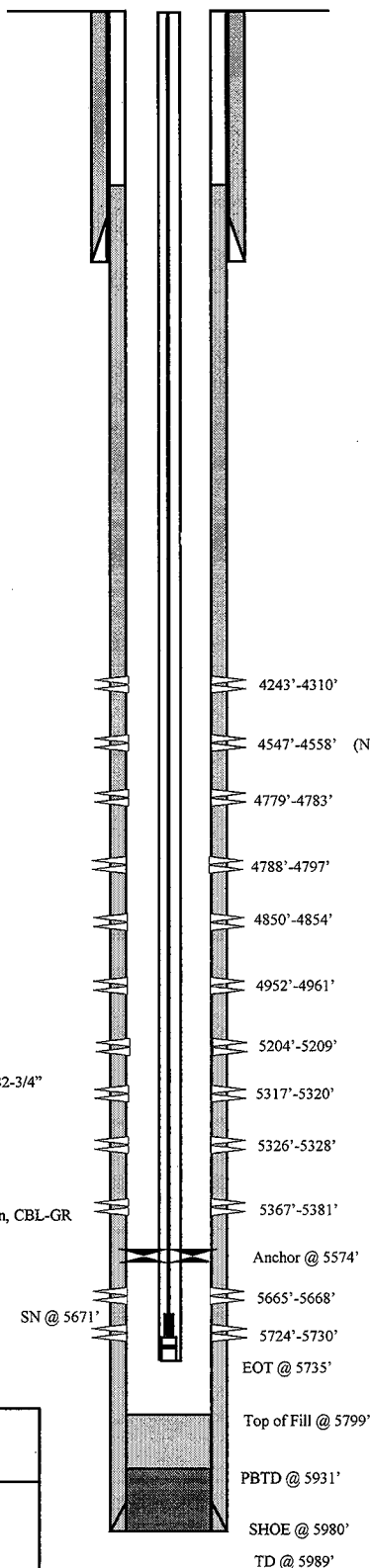
4/26/01 4779'-4961' **Frac C, D sands as follows:**
101,150# 20/40 sand in 694 bbls Viking 1-25 Fluid. Treated @ avg press of 1760 psi w/ avg rate of 30.4 BPM. ISIP 2040 psi.

4/27/01 4243'-10 **Frac GB-4, GB-6 sands as follows:**
185,360# 20/40 sand in 1209 bbls Viking 1-25 Fluid. Treated @ avg press of 1650 psi w/ avg rate of 30.2 BPM. ISIP 1890 psi. Flow back on 12/64 choke for 6 hrs & died.

2/15/02 Stuck pump. Update rod and tubing details.
8/28/02 Tubing leak. Update rod and tubing details.
11/23/04 Parted rods. Update rod detail.
02/12/05 Parted rods. Update rod detail.
01/23/07 Tubing Leak. Update rod and tubing details.

PERFORATION RECORD

Date	Interval	Tool	Holes
4/23/01	5724'-5730'	4 JSPF	24 holes
4/23/01	5665'-5668'	4 JSPF	12 holes
4/23/01	5367'-5381'	4 JSPF	56 holes
4/25/01	5326'-5328'	4 JSPF	08 holes
4/25/01	5317'-5320'	4 JSPF	12 holes
4/25/01	5204'-5209'	4 JSPF	20 holes
4/26/01	4952'-4961'	4 JSPF	36 holes
4/26/01	4850'-4854'	4 JSPF	16 holes
4/26/01	4788'-4797'	4 JSPF	36 holes
4/26/01	4779'-4783'	4 JSPF	16 holes
4/27/01	4547'-4558'	4 JSPF	44 holes
4/27/01	4243'-4310'	4 JSPF	188 holes



NEWFIELD

West Point #8-7-9-16
2081 FNL & 721 FEL
SE/NE Sec. 7, T9S R16E
Duchesne, County
API# 43-013-32211; Lease# UTU-74390

Altan E-9

West Point Fed #N-7-9-16

Spud Date: 4/22/08

Put on Production: 5/29/08

GL: 6017' KB: 6029'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (308.94')

DEPTH LANDED: 319'

HOLE SIZE: 12-1/4"

CEMENT DATA: To surface with 160 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 155 jts

DEPTH LANDED: 6351'

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sx Premilite II and 425 sx 50/50 Poz

CEMENT TOP AT: 50'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#

NO. OF JOINTS: 185 jts (5794.23')

TUBING ANCHOR: 5806.23' KB

NO. OF JOINTS: 1 jt (31.36')

SEATING NIPPLE: 2 7/8" (1.10')

SN LANDED AT: 5840.39' KB

NO. OF JOINTS: 2 jts (63.17')

TOTAL STRING LENGTH: EOT @ 5905.11' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod

SUCKER RODS: 2', 4', x 7/8" pony rods, 229- 7/8" scraped rods, 4-1 1/2" weight rods

PUMP SIZE: 2 1/2" x 1 3/4" x 16'x 20' RHAC pump w/sm plunger

STROKE LENGTH: 96"

PUMP SPEED, SPM: 6

FRAC JOB

5/21/08 5836-5845' RU BJ & frac CP1 sds as follows:
30,088# 20/40 sand in 411 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2238 w/ ave rate of 23.3 bpm w/ 6.5 ppg of sand. ISIP was 2100. Actual Flush: 5334 gals.

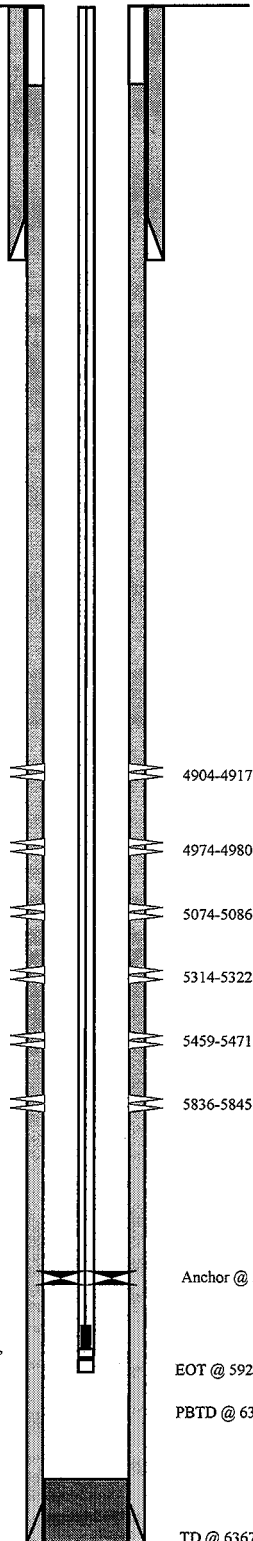
5/21/08 5459-5471' RU BJ & frac stage #2 as follows:
14,814# 20/40 sand in 284 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2177 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 1955. Actual Flush: 4998 gals.

5/21/08 6314-5322' RU BJ & frac stage #3 as follows:
19,919# 20/40 sand in 317 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2177 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 2015. Actual Flush: 4830 gals

5/22/08 5074'-5086' RU BJ & frac stage #4 as follows:
55,473# 20/40 sand in 500 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1797 w/ ave rate of 23.4 bpm w/ 8 ppg of sand. ISIP was 1865. Actual Flush: 4620 gals.

5/22/08 4974-4980' RU BJ & frac stage #5 as follows:
20,062# 20/40 sand in 314 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2251 w/ ave rate of 25.8 bpm w/ 6.5 ppg of sand. ISIP was 2010. Actual Flush: 4494 gals.

5/22/08 4904-4917' RU BJ & frac stage #6 as follows:
72,392# 20/40 sand in 600 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2401 w/ ave rate of 23.4 bpm w/ 8 ppg of sand. ISIP was 2320. Actual Flush: 4872 gals.



PERFORATION RECORD

5/22/08	4904-4917'	4 JSPF	52 holes
5/22/08	4974-4980'	4 JSPF	24 holes
5/22/08	5074-5086'	4 JSPF	48 holes
5/21/08	5314-5322'	4 JSPF	32 holes
5/21/08	5459-5471'	4 JSPF	48 holes
5/21/08	5836-5845'	4 JSPF	36 holes



West Point Fed #N-7-9-16
2002' FSL & 594' FWL
NW/SW Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-33711; Lease #UTU-74390

Attach. E-10

Spud Date: 10/16/96
Put on Production: 11/19/96
Put on Injection: 4/4/00
GL: 5986' KB: 5996'

Monument Federal 23-7-9-16Y

Initial Production: ? BOPD, ?
MCFPD, ? BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
DEPTH LANDED: 288'
HOLE SIZE: 12-1/4"
CEMENT DATA: ?

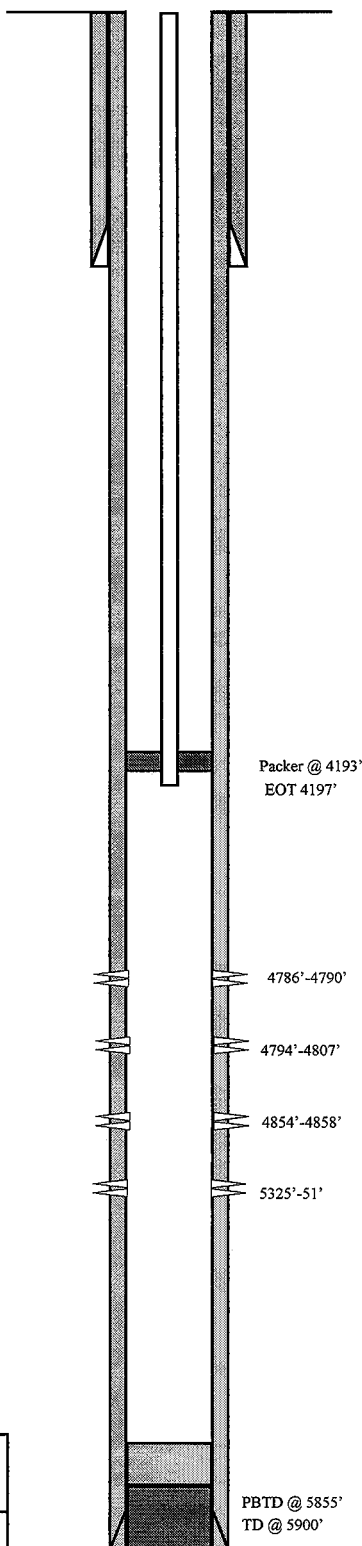
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (5868.42')
DEPTH LANDED: 5878.42"
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sx Super "G" & 340 sx 50/50 Poz

TUBING

SIZE/GRADE/WT.: 2-7/8" 6.5 J-55
NO. OF JOINTS: 135 jts. (4178.11' KB)
SN LANDED AT: 4188.11' KB
ARROWSET PACKER: 4192.51' KB
TOTAL STRING LENGTH: 4196.61' KB

Injection Wellbore Diagram



FRAC JOB

10-30-96 5325'-5351' **Frac as follows:**
23,200# 20/40 & 57,880# 16/30 sand in 535
bbls 2% KCL. ATP- 2790 psi, ATR-32 BPM.
ISIP- 2660 psi, 5 min 2120 psi.

11-04-96 4786'-4858' **Frac as follows:**
56,000# 16/30 sand in 483 bbls 2% KCL.
ATP-2350 psi, ATR-32.9 BPM. ISIP-2500
psi, 5 min 1760 psi.

8-26-05 5704-5812' **Frac CP2 & CP1 sand as follows:**
18892#'s 20/40 sand in 190 bbls Lightning
17 frac fluid. Treated @ ave. pressure of
2521 psi w/ave rate of 14.2 BPM. ISIP 1500
psi. Calc flush: 1457.40 gal. Actual flush:
1344 gals.

8-26-05 4254-4264' **Frac GB4 sand as follows:**
14698#'s 20/40 sand in 152 bbls Lightning 17
frac fluid. Treated @ ave pressure of 2700 psi
w/ave rate of 14.2 BPM. ISIP 1500 psi. Calc.
Flush: 1092 gals. Actual Flush: 966 gals.

8-29-05 **MIT completed.**

PERFORATION RECORD

10-29-96	5325'-5351'	2 JSPF	52 holes
11-01-96	4786'-4790'	4 JSPF	16 holes
11-01-96	4794'-4807'	4 JSPF	52 holes
11-01-96	4854'-4858'	4 JSPF	16 holes
8-25-05	5804-5812'	4 JSPF	32 holes
8-25-05	5720-5724'	4 JSPF	16 holes
8-25-05	5714-5718'	4 JSPF	16 holes
8-25-05	5704-5710'	4 JSPF	24 holes
8-25-05	4254-4265'	4 JSPF	40 holes

NEWFIELD

Monument Federal 23-7-9-16Y

2259' FSL & 2020' FWL

NESW Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-31694; Lease #U-74390

PBTD @ 5855'
TD @ 5900'

Nine Mile #10-7

Spud Date: 12/1/97
Put on Production: 1/10/98
GL: 5850' KB: 5862'

Initial Production: 150 BOPD,
186 MCFPD, 30 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (290')
DEPTH LANDED: 303' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5847')
DEPTH LANDED: 5858' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 430 sks Hibond mixed & 360 sks thixotropic
CEMENT TOP AT: ? Per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 178 jts (5563.88')
TUBING ANCHOR: 5575.88' KB
NO. OF JOINTS: 1 jt (31.15')
SN LANDED AT: 5609.78' KB
NO. OF JOINTS: 2 jts (62.55')
2 7/8 NC (.40")
TOTAL STRING LENGTH: EOT @ 5673.83' w/12' KB

SUCKER RODS

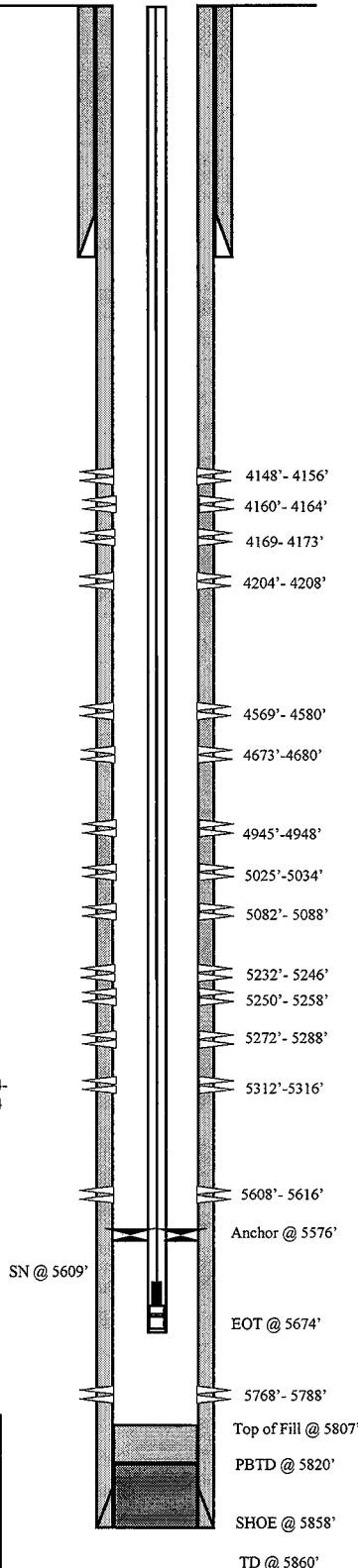
POLISHED ROD: 1-1/2" x 22' polished rod
SUCKER RODS: 1-8", 1-6", 2-4" X 3/4" pony rod, 91-3/4" guided rods, 74-3/4" slick rods, 52-3/4" guided rods (bottom 20 new), 2- 1 5/8" wt. bars, 4 1 1/2" wt bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16" RHAC pump w/ 120" SL
STROKE LENGTH: 86
PUMP SPEED, 5 SPM

FRAC JOB

12/30/97	5608'-5788'	Frac CP sand as follows: 129,100# of 20/40 sd in 627 bbls Delta Frac. Treated @ avg rate 35 bpm, avg press 1600 psi. ISIP-2029 psi. Calc. flush: 5608 gal. Actual flush: 5551 gal.
1/1/98	5232'-5316'	Frac LDC sand as follows: 125,400# of 20/40 sd in 560 bbls Delta Frac. Treated @ avg rate of 30.3 BPM, avg press 2600 psi. ISIP-2892 psi. Calc. flush: 5232 gal. Actual flush: 5198 gal.
1/4/98	4945'-5088'	Frac A sand as follows: 127,200# 20/40 sand in 608 bbls Delta Frac. Treated w/avg press of 2493 psi w/avg rate of 35 BPM. ISIP - 3120 psi. Calc. flush: 4945 gal. Actual flush: 4844 gal.
1/8/98	4569'-4580'	Frac YDC sands as follows: 59,000# 20/40 sand in 374 bbls of Delta Frac. Treated @ avg press of 2800 psi w/avg rate of 27 BPM. ISIP-3904 psi. Screened out w/ 1146 gal flush remaining. Calc. flush: 4569 gal. Actual flush: 3337 gal.
4/16/99		Pump change. Update rod and tubing details.
5/5/03	4673'-4680'	Frac D1 sand as follows: 25,028# 20/40 sand in 218 bbls of Viking I-25 fluid. Treated @ avg press of 2661 psi w/avg rate of 16 BPM. ISIP-1720 psi. Calc flush: 1204 gal. Actual flush: 1134 gal.
5/5/03	4148'-4208'	Frac GB4 sand as follows: 49,527# 20/40 sand in 400 bbls of Viking I-25 fluid. Treated @ avg press of 1679 psi w/avg rate of 22 BPM. ISIP-2070 psi. Calc. flush: 4146 gal. Actual flush: 4074 gal.
5/5/04		Parted rods. Update rod detail.
01/10/06		Pump change. Update rod and tubing details.
05/04/06		Pump change. Update tubing & rod detail
7/22/08		pump change. Updated rod and tubing detail

PERFORATION RECORD

12/25/97	5608'-5616'	4 JSPF	32 holes
12/25/97	5768'-5788'	4 JSPF	80 holes
12/31/97	5232'-5246'	4 JSPF	56 holes
12/31/97	5250'-5258'	4 JSPF	32 holes
12/31/97	5272'-5288'	4 JSPF	64 holes
12/31/97	5312'-5316'	4 JSPF	16 holes
1/3/98	4945'-4948'	4 JSPF	12 holes
1/3/98	5025'-5034'	4 JSPF	36 holes
1/3/98	5082'-5088'	4 JSPF	24 holes
1/6/98	4569'-4580'	4 JSPF	44 holes
05/2/03	4673'-4680'	4 JSPF	28 holes
05/2/03	4204'-4208'	4 JSPF	16 holes
05/2/03	4169'-4173'	4 JSPF	16 holes
5/02/03	4160'-4164'	4 JSPF	16 holes
5/02/03	4148'-4156'	4 JSPF	32 holes



NEWFIELD

Nine Mile #10-7
2131 FSL & 1910 FEL
NWSE Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-31773; Lease #UTU-74390

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

349 PR 4473

Sonora, TX 76950

Attachment
1 of 4



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**

Sample ID: **WA-12812**

Well Name: **FED 6-7-9-16**

Sample Point: **Tank**

Sample Date: **7 /15/2008**

Sales Rep: **Randy Huber**

Lab Tech: **Richard Perez**

Sample Specifics

Test Date:	7/30/2008
Temperature (°F):	160
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0120
pH:	8.2
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	17392
Molar Conductivity (µS/cm):	26352
Resitivity (Mohm):	0.3795

Analysis @ Properties in Sample Specifics

Cations	mg/L	Anions	mg/L
Calcium (Ca):	1440.00	Chloride (Cl):	10068.00
Magnesium (Mg):	878.40	Sulfate (SO ₄):	107.00
Barium (Ba):	26.57	Dissolved CO ₂ :	0.01
Strontium (Sr):	-	Bicarbonate (HCO ₃):	1204.00
Sodium (Na):	3667.00	Carbonate (CO ₃):	-
Potassium (K):	-	H ₂ S:	0.01
Iron (Fe):	1.01	Phosphate (PO ₄):	-
Manganese (Mn):	0.13	Silica (SiO ₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO ₃):	-
Ammonia NH ₃ :	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl

Test Conditions		Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
160	0	197.91	22.66	0.05	-1034.70	0.05	-946.05	-	-	5.88	33.79	0.15
80	0	127.86	22.60	0.05	18.90	0.03	-1858.90	-	-	35.18	43.26	0.08
100	0	156.21	24.29	0.04	20.38	0.03	-1712.50	-	-	21.79	42.04	0.09
120	0	177.09	24.58	0.04	20.66	0.03	-1485.70	-	-	13.80	40.19	0.11
140	0	191.21	23.97	0.05	20.18	0.04	-1218.40	-	-	8.92	37.50	0.12
160	0	197.91	22.66	0.05	19.08	0.05	-946.05	-	-	5.88	33.79	0.13
180	0	197.77	20.88	0.05	17.60	0.07	-695.57	-	-	3.95	28.97	0.14
200	0	192.01	18.89	0.06	15.93	0.09	-483.69	-	-	2.70	23.03	0.14
220	2.51	181.31	17.21	0.06	14.52	0.13	-324.78	-	-	1.87	15.88	0.14
240	10.3	169.93	15.42	0.06	13.01	0.20	-199.23	-	-	1.33	7.84	0.14
260	20.76	158.03	13.85	0.07	11.69	0.31	-110.52	-	-	0.96	-1.10	0.15
280	34.54	146.72	12.58	0.07	10.62	0.50	-50.17	-	-	0.72	-10.86	0.15
300	52.34	136.38	11.59	0.07	9.78	0.84	-9.88	-	-	0.55	-21.44	0.15

Conclusions:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

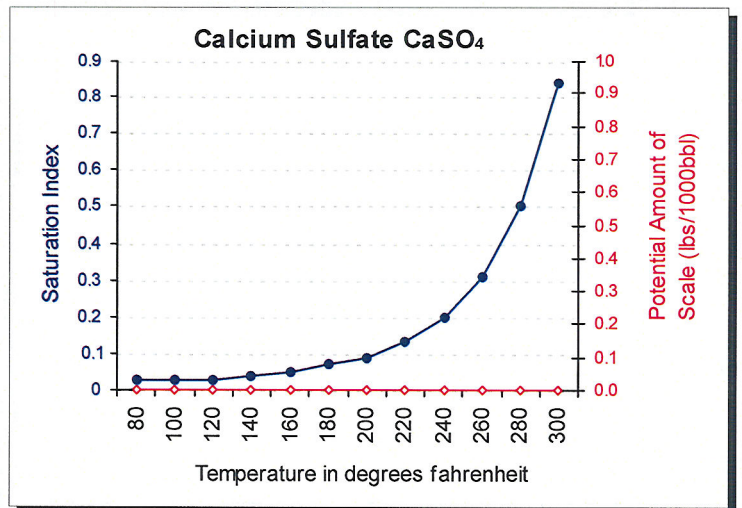
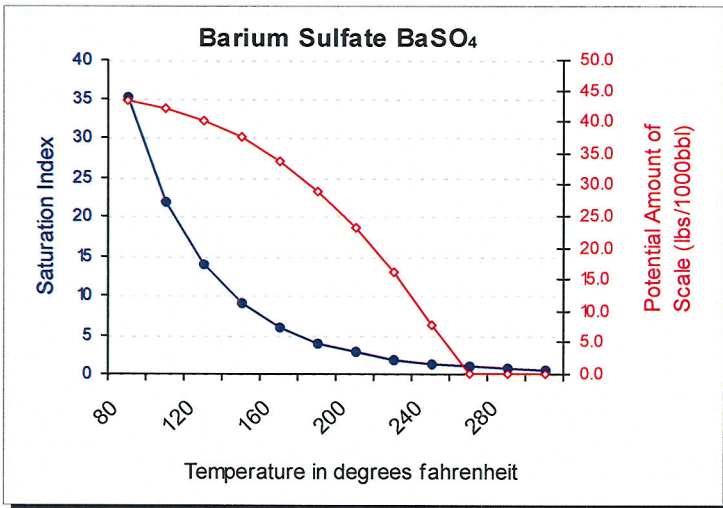
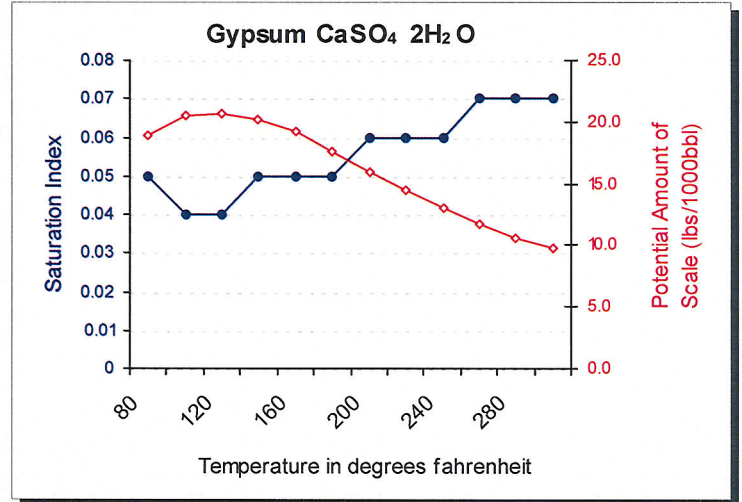
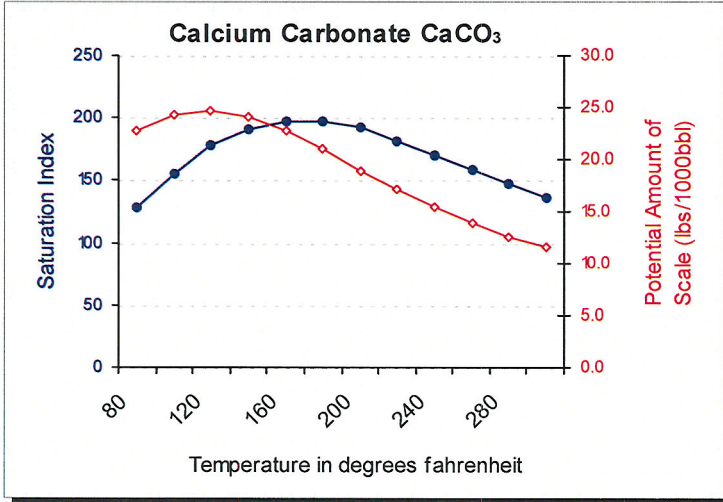
Notes:



Scale Prediction Graphs

Well Name: **FED 6-7-9-16**

Sample ID: **WA-12812**



Attachment F
3 or 4

West Coast Region
5125 Boylan Street
Bakersfield, CA 93308
(661) 325-4138
Lab Team Leader - Sheila Hernandez
(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:	NEWFIELD EXPLORATION	Sales RDT:	31706
Region:	WESTERN REGION	Account Manager:	RANDY HUBER (435) 823-0023
Area:	MYTON, UT	Sample #:	409361
Lease/Platform:	SOUTH WELLS DRAW	Analysis ID #:	78571
Entity (or well #):	INJECTION SYSTEM	Analysis Cost:	\$80.00
Formation:	UNKNOWN		
Sample Point:	TRIPLEX SUCTION		

Summary		Analysis of Sample 409361 @ 75 °F					
Sampling Date:	01/20/08	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	01/25/08	Chloride:	2313.0	65.24	Sodium:	1726.0	75.08
Analyst:	STACEY SMITH	Bicarbonate:	678.0	11.11	Magnesium:	19.0	1.56
TDS (mg/l or g/m3):	4924.9	Carbonate:	0.0	0.	Calcium:	39.0	1.95
Density (g/cm3, tonne/m3):	1.003	Sulfate:	129.0	2.69	Strontium:	2.5	0.06
Anion/Cation Ratio:	1.0000001	Phosphate:			Barium:	7.0	0.1
Carbon Dioxide:		Borate:			Iron:	0.3	0.01
Oxygen:		Silicate:			Potassium:	11.0	0.28
Comments:		Hydrogen Sulfide:			Aluminum:		
		pH at time of sampling:			Chromium:		
		pH at time of analysis:		8.13	Copper:		
		pH used in Calculation:		8.13	Lead:		
					Manganese:	0.060	0.
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ *2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.72	14.65	-2.18	0.00	-2.25	0.00	-1.63	0.00	1.92	4.19	0.07
100	0	0.76	16.74	-2.19	0.00	-2.19	0.00	-1.61	0.00	1.78	4.19	0.1
120	0	0.81	19.18	-2.19	0.00	-2.11	0.00	-1.58	0.00	1.66	4.19	0.16
140	0	0.86	21.62	-2.18	0.00	-2.01	0.00	-1.54	0.00	1.57	4.19	0.24

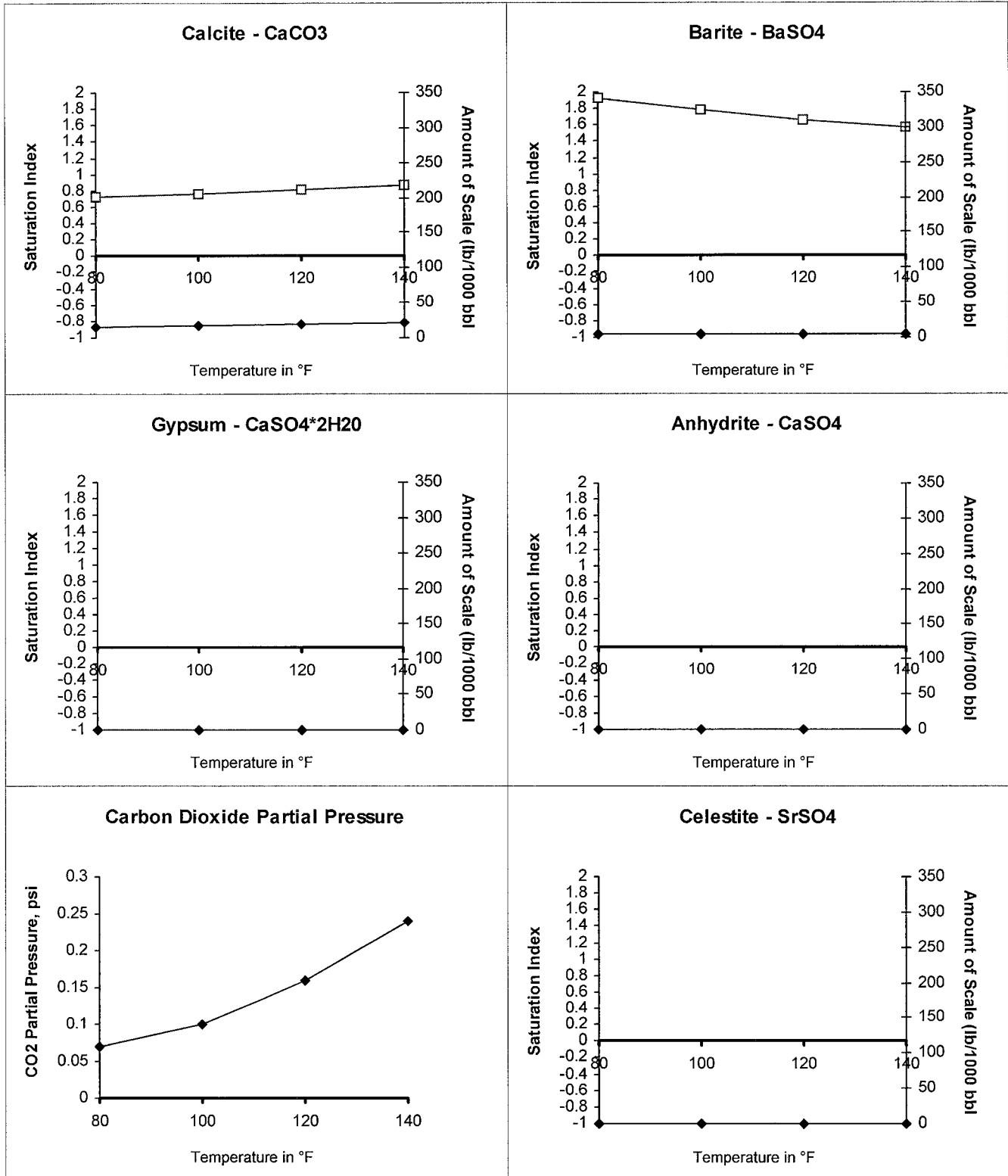
Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

Scale Predictions from Baker Petrolite

Analysis of Sample 409361 @ 75 °F for NEWFIELD EXPLORATION, 01/25/08



Attachment "G"

Nine Mile #6-7-9-16
Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5708	5757	5733	2300	0.84	2263
4928	4976	4952	1873	0.81	1841 ←
4799	4824	4812	2235	0.90	2204
5074	5222	5148	1960	0.82	1927
4254	4302	4278	2130	0.93	2102
				Minimum	<u>1841</u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment 9-1
1 of 5

Daily Completion Report

NINE MILE 6-7
SE/NW Sec. 7, 9S, 16E
Duchesne Co., Utah
API # 43-013-31776

Surf Spud Date: 11/10/97
MIRU Drl Rig: 11/13/97, Four Corners #6
TD: 5921'
Completion Rig: Flint #4

12/19/97 PO: Perf CP sds. (Day 1)

Summary: 12/18/97 – MIRU Flint #4. NU BOP. PU & TIH w/4-3/4" bit, 5-1/2" csg scraper, 188 jts 2-7/8" 8rd 6.5# M-50 tbg. Tag PBTB @ 5862'. Pull EOT to 5837'. Press test csg & BOP to 3000 psi. Swab FL dn to 2500'. SIFN.
DC: \$19,490 TWC: \$169,585

12/20/97 PO: Frac CP sds. (Day 2)

Summary: 12/19/97 – Con't swab FL dn f/2500' to 5200'. TOH w/tbg. RU HLS & **perf CP sds @ 5708-13', 5735-49' & 5755-57' w/4 jspf.** TIH w/tbg to 5833'. IFL @ 2000'. Made 8 swab runs, rec 72 BTF (est 64 BO, 8 BW). FOC @ 90%. FFL maintaining 4000'. SIFN w/est 64 BO recovered.
DC: \$5,943 TWC: \$175,528

12/21/97 SD until the 23rd.

12/23/97 PO: Perf C sds. (Day 3)

Summary: 12/22/97 – TP: 70, CP: 600. Bleed gas off well. RU swab equipment. Tag FL @ 1000'. Made 1 swab run, recovered 12 BO. Well flowed 10 bbls additional oil. Circ dn csg up to pmp sinker bars out of well (Bars stuck in tbg) w/60 BW. RU Halliburton. Pmp 29 BW dn annular @ 5 BPM. Pumped sinker bars out of hole. LD sinker bars. TOH w/tbg. RU Halliburton & frac CP sds w/127,200# of 20/40 sd in 621 bbls Boragel. Treated @ ave rate of 31.2 BPM w/ave press of 1700#. Broke dn @ 1100#. ISIP: 2300 psi, 5 min: 2035 psi. Flow well for 5-1/2 hrs. Recovered 92 bbls frac fluid. SDFN w/est 649 BWTR. (Pmp hole volume ahead of frac – csg full.)
DC: \$26,796 TWC: \$202,324

12/24/97 PO: Frac C sds. (Day 4)

Summary: 12/23/97 – TIH w/BV plug. Set plug @ 5652'. Pull EOT to 5622'. Test plug to 3000#. RU swab equipment. IFL @ sfc. Made 9 swab runs, recovered 96 BW. FFL @ 4428. TOH w/tbg. RU HLS & **perf C sd @ 4928-41' & 4971-76' w/4 jpsf.** RD HLS. TIH w/tbg to 5622'. RU swab equipment. IFL @ 4400'. Made 3 swab runs. Recovered 11 BW. FFL @ 4900'. LD swab. TOH w/tbg. NU tree saver. RU Halliburton to frac in AM. SDFN w/est 542 BWTR.
DC: \$4,930 TWC: \$207,254

12/25/97 PO: Perf D sds. (Day 5)

Summary: 12/24/97 – CP: 0. RU Halliburton to isolation tool & frac C sds w/111,400# 20/40 sd in 544 bbls Delta Frac. Perfs broke dn @ 2076 psi. Treat @ ave press of 1700 psi w/ave rate of 28 BPM. ISIP: 1873 psi, 5 min: 1680 psi. Flowback on 12/64 choke for 3 hrs & died. Rec 96 BTF (est 18% of load). SIFN w/est 990 BWTR.
DC: \$25,080 TWC: \$232,334

12/26/97 SD for Holiday.



Attachment 9-1
2 of 5

Daily Completion Report – Page Two

NINE MILE 6-7
SE/NW Sec. 7, 9S, 16E
Duchesne Co., Utah
API # 43-013-31776

Surf Spud Date: 11/10/97
MIRU Drl Rig: 11/13/97, Four Corners #6
TD: 5921'
Completion Rig: Flint #4

12/30/97 PO: Frac D sds. (Day 6)

Summary: 12/29/97 – CP: 0. Thaw wellhead & BOP w/HO Trk. Repair BOP (sheared retractor ram). TIH w/5-1/2" RBP & tbg. Set plug @ 4863'. Press test plug to 3000 psi. Circ hole clean. Swab FL dn to 4300'. Rec 92 BTF. TOH w/tbg. RU HLS & **perf D sds @ 4799-4808', 4810-17' & 4822-24' w/4 jspf.** TIH w/tbg to 4838'. IFL @ 4200'. Made 1 swab run, rec 4 BTF. FFL @ 4600'. SIFN w/est 894 BWTR.
DC: \$5,176 TWC: \$237,510

12/31/97 PO: Pull plugs. Clean out PBTD. (Day 7)

Summary: 12/30/97 – TP: 0, CP: 50. Bleed gas off csg. IFL @ 4000'. Made 3 swab runs, rec 17 BTF w/tr oil. FFL @ 4800'. TOH w/tbg. NU isolation tool. RU Halliburton & frac D sds w/124,300# 20/40 sd in 574 bbls Delta Frac. Perfs broke dn @ 2486 psi. Treated @ ave press of 1690 psi w/ave rate of 28.2 BPM. ISIP: 2235 psi, 5 min: 2008 psi. Flowback on 12/64 choke for 4 hrs & died. Rec 116 BTF (est 20% of load). SIFN w/est 1335 BWTR.
DC: \$27,551 TWC: \$265,061

1/1/98 PO: CO PBTD. Swab well. (Day 8)

Summary: 12/31/97 – CP: 0. Thaw wellhead & BOP w/HO Trk. TIH w/RH & tbg. Tag sd @ 4807'. CO sd to RBP @ 4863'. Release plug. TOH w/tbg. LD plug. TIH w/tbg. Tag sd @ 4562'. CO sd to RBP @ 5652'. Release plug. TOH w/tbg. LD plug. TIH w/NC & tbg to 4735'. SIFN w/est 1335 BWTR.
DC: \$2,004 TWC: \$267,065

1/2/98 SD for Holiday.

1/3/98 PO: PU rods. Place well on production. (Day 9)

Summary: 1/2/98 – TP: 0, CP: 0. Con't TIH w/NC & tbg f/4735'. Tag sd @ 5670'. CO sd to PBTD @ 5862'. Pull EOT to 5826'. IFL @ sfc. Made 18 swab runs, rec 277 BTF w/tr oil & sm tr sd. FFL @ 1900'. TIH w/tbg. Tag fill @ 5854' (8' fill). TOH w/tbg. TIH w/production tbg as follows: 2-7/8" NC, 2 jts 2-7/8" 8rd 6.5# J-55 Green Band tbg, perf sub, SN, 2 jts M-50 tbg, 5-1/2" TA, 180 jts 2-7/8" 8rd 6.5# M-50 tbg. ND BOP. Set TA @ 5632' w/SN @ 5697' & EOT @ 5765'. Land tbg w/12,000# tension. NU wellhead. SIFN w/est 1058 BWTR.
DC: \$3,342 TWC: \$270,407

1/4/98 PO: Well on production. (Day 10)

Summary: 1/3/98 – TP: 0, CP: 0. PU & TIH w/rod string as follows: 2-1/2" x 1-1/2" x 16' RHAC rod pmp, 4 – 1-1/2" weight rods, 4 – 3/4" scraped rods, 123 – 3/4" plain rods, 95 – 3/4" scraped rods, 1 – 8', 1 – 4' x 3/4" pony rods, 1-1/2" x 22' polished rod. Seat pmp. RU pmp unit. Fill tbg w/5 BW. Press test pmp & tbg to 400 psi. Stroke pmp up to 700 psi. Good pmp action. RDMO. **PLACE WELL ON PRODUCTION @ 1:00 PM, 1/3/98 W/64" SL @ 11 SPM.** Est 1063 BWTR.
DC: \$108,668 TWC: \$379,075



Attachment 9-1
3 of 5

DAILY WORKOVER REPORT

WELL NAME: Nine Mile 6-7-9-16

Report Date: April 8, 2003

Day: 03

Operation: Re-completion

Rig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 284' Prod Csg: 5 1/2 @ 5908' WT: 15.5# Csg PBTD: 5868'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 5028' BP/Sand PBTD: 5862'
BP/Sand PBTD: 5275'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4254-4266'	4/48	B2 sds	NEW 5074-5077'	4/12
GB6 sds	NEW 4298-4302'	4/16	A1 sds	NEW 5205-5214'	4/36
D sds	4799-4808'	4/36	A1 sds	NEW 5220-5222'	4/8
D sds	4810-4817'	4/28	CP sds	5708-5713'	4/20
D sds	4822-4824'	4/8	CP sds	5735-5749'	4/56
C sds	4928-4941'	4/52	CP sds	5755-5757'	4/8
C sds	4971-4976'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: April 7, 2003

SITP: 0 SICP: 0

TOH W/ tbg f/ 4556'. LD bit & scraper. RU Patterson WLT. Perf new intervals W/ 4" ported perf guns as follows: stage #1: A1 sds @ 5205-14' & 5220-22' and B2 sds @ 5074-77' and stage #2: GB6 sds @ 4298-4302' & GB4 sds @ 4254-68'. All 4 JSPF in 2 gun runs. RD WLT. TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & N-80 tbg. Set plug above perfs @ 4234'. Fill hole W/ 80 BW. Pressure test plug & casing to 3000 psi. Set pkr @ 4195' & test tools to 2000 psi. Release tools & con't TIH. Set plug @ 5275'. Pull up, install frac valve & subs. Leave pkr unset W/ EOT @ 5028'. SIFN W/ est 572 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 492 Starting oil rec to date: 0
Fluid lost/recovered today: 80 Oil lost/recovered today: 0
Ending fluid to be recovered: 572 Cum oil recovered: 0
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: _____ Job Type: _____

Company: _____

Procedure or Equipment detail: _____

COSTS

Pool rig	\$2,179
Weatherford BOP	\$130
Patterson--perfs	\$3,704
Weatherford tools/serv	\$2,550
IPC supervision	\$300
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____

Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____

ISIP: _____ 5 min: _____ 10 min: _____ FG: _____

Workover Supervisor: Gary Dietz

DAILY COST: \$8,863

TOTAL WELL COST: \$20,628



Attachment G-1
4 of 5

DAILY WORKOVER REPORT

WELL NAME: Nine Mile 6-7-9-16
Operation: Re-completion

Report Date: April 10, 2003

Day: 04

Rig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 284' Prod Csg: 5 1/2 @ 5908' WT: 15.5# Csg PBTD: 5868'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 5008' BP/Sand PBTD: 5862'
BP/Sand PBTD: 5275'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4254-4266'	4/48	B2 sds	NEW 5074-5077'	4/12
GB6 sds	NEW 4298-4302'	4/16	A1 sds	NEW 5205-5214'	4/36
D sds	4799-4808'	4/36	A1 sds	NEW 5220-5222'	4/8
D sds	4810-4817'	4/28	CP sds	5708-5713'	4/20
D sds	4822-4824'	4/8	CP sds	5735-5749'	4/56
C sds	4928-4941'	4/52	CP sds	5755-5757'	4/8
C sds	4971-4976'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: April 9, 2003

SITP: 0 SICP: 0

Day 4(a):

Plug @ 5275'. Set pkr elements @ 5008' (EOT @ 5018'). Fill annulus & hold full during frac (used 60 BW). RU BJ Services to tbg and frac B2 & A1 sds (5074' through 5222') W/ 48,894# 20/40 sand in 393 bbls Viking I-25 fluid. Perfs broke down @ 2760 psi. Treated @ ave press of 4000 psi W/ ave rate of 18.2 BPM. ISIP-1960 psi. RD BJ. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 2 1/2 hrs & died. Rec 107 BTF (est 27% of frac load). Fill & pressure up on annulus. Open bypass on pkr & rev circ tbg clean. Release pkr & TIH W/ tbg. Tag sd @ 5250'. C/O sd to RBP @ 5275'. Circ hole clean. Lost 20 BW. Release plug. Est 938 BWTR.

See day 4(b)

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 572 Starting oil rec to date: 0
Fluid lost/recovered today: 366 Oil lost/recovered today: 0
Ending fluid to be recovered: 938 Cum oil recovered: 0
IFL: FFL: FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: B2 & A1 sands

** PUMPED DOWN 2 7/8 N-80 TUBING**

4800 gals of pad

3351 gals W/ 1-4 ppg of 20/40 sand

6690 gals W/ 4-6.5 ppg of 20/40 sand

459 gals W/ 6.5 ppg of 20/40 sand

Flush W/ 1218 gals of slick water

COSTS

Pool rig	\$1,174
Weatherford BOP	\$130
BJ Services--B/A sds	\$19,364
Betts frac wtr	\$800
Zubiate HO trk-frac wtr	\$750
IPC frac valve	\$300
IPC supervision	\$150

Max TP: 4305 Max Rate: 18.4 BPM Total fluid pmpd: 393 bbls
Avg TP: 4000 Avg Rate: 18.2 BPM Total Prop pmpd: 48,894#
ISIP: 1960 5 min: 10 min: FG: .81
Workover Supervisor: Gary Dietz

DAILY COST: \$22,668
TOTAL WELL COST: \$43,296



Attachment 9-1
5 of 5

DAILY WORKOVER REPORT

WELL NAME: Nine Mile 6-7-9-16

Report Date: April 10, 2003

Day: 04

Operation: Re-completion

Rig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 284' Prod Csg: 5 1/2 @ 5908' WT: 15.5# Csg PBTD: 5868'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 0 BP/Sand PBTD: 5862'
BP/Sand PBTD: 4351'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4254-4266'	4/48	B2 sds	NEW 5074-5077'	4/12
GB6 sds	NEW 4298-4302'	4/16	A1 sds	NEW 5205-5214'	4/36
D sds	4799-4808'	4/36	A1 sds	NEW 5220-5222'	4/8
D sds	4810-4817'	4/28	CP sds	5708-5713'	4/20
D sds	4822-4824'	4/8	CP sds	5735-5749'	4/56
C sds	4928-4941'	4/52	CP sds	5755-5757'	4/8
C sds	4971-4976'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: April 9, 2003

SITP: 0 SICP: 0

Day 4(b):

Move tbg & tools uphole. Set plug @ 4351' & pkr @ 4329'. Fill tbg W/ 3 BW & pressure test plug to 2000 psi. Release pkr & TOH W/ tbg. NU isolation tool. RU BJ Services and frac GB4 & GB6 sds (4254' through 4302') W/ 68,104# 20/40 sand in 516 bbls Viking I-25 fluid. Perfs broke down @ 2210 psi. Treated @ ave press of 2140 psi W/ ave rate of 26.8 BPM. ISIP-2130 psi. RD BJ. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 5 hrs & died. Rec 192 BTF (est 37% of frac load). SIFN W/ est 1265 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 938 Starting oil rec to date: 0
Fluid lost/recovered today: 327 Oil lost/recovered today: 0
Ending fluid to be recovered: 1265 Cum oil recovered: 0
IFL: FFL: FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: GB4 & GB6 sands

**** PUMPED DOWN 5 1/2" 15.5# CASING****

5200 gals of pad

3625 gals W/ 1-5 ppg of 20/40 sand

7250 gals W/ 5-8 ppg of 20/40 sand

1431 gals W/ 8 ppg of 20/40 sand

Flush W/ 4158 gals of slick water

COSTS

Pool rig	\$1,174
Weatherford service	\$550
BJ Services--GB sds	\$17,071
Betts frac wtr	\$1,150
Zubiate HO trk-frac wtr	\$940
Tiger tanks (10 days)	\$2,000
IPC flowback super	\$150
Rocky Mt. T.O.C.	\$260
IPC supervision	\$150

Max TP: 2480 Max Rate: 27 BPM Total fluid pmpd: 516 bbls
Avg TP: 2140 Avg Rate: 26.8 BPM Total Prop pmpd: 68,104#
ISIP: 2130 5 min: 10 min: FG: .93
Workover Supervisor: Gary Dietz

DAILY COST: \$23,445
TOTAL WELL COST: \$66,741

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4204'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement.
3. Plug #2 Set 200' plug from 2000'-2200' using 25 sx Class "G" cement.
4. Plug #3 Pump 39 Sx Class "G" cement down 5-1/2" casing to 333'.

The approximate cost to plug and abandon this well is \$59,344.

Nine Mile #6-7-9-16

Spud Date: 11/10/97
Put on Production: 4/14/03
GL: 5960' KB: 5972'

Initial Production: 128 BOPD,
128 MCFPD, 10 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (283.47')
DEPTH LANDED: 284.14' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5897.53')
DEPTH LANDED: 5908.49'
HOLE SIZE: 7-7/8"
CEMENT DATA: 405 sxs Hibond mixed & 345 sxs thixotropic
CEMENT TOP AT: 170'

Proposed P & A Wellbore Diagram

Cement Top @ 170'

Pump 39 Sx Class G cement down 5-12" casing to
333'

Shoe @ 284'

200' Balanced Plug (25 sx) Class G Cement over water
zone 2000'-2200'

100' (12sx) Class G Cement plug on top of CIBP

CIBP @ 4204'

4254'-4266'

4298'-4302'

4799'-4808'

4810'-4817'

4822'-4824'

4928'-4941'

4971'-4976'

5074'-5077'

5205'-5214'

5220'-5222'

5708'-5713'

5735'-5749'

5755'-5757'

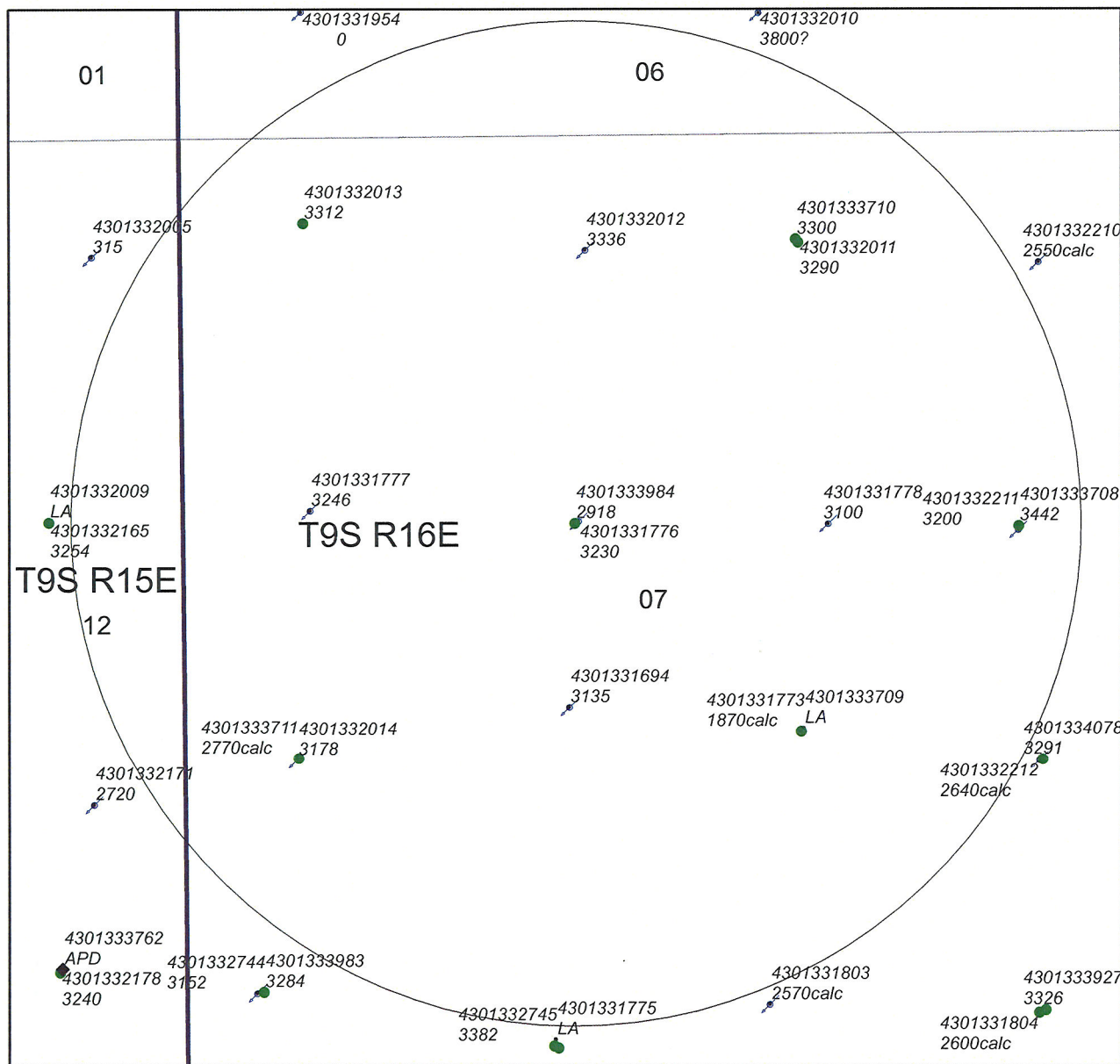
PBTD @ 5868'

TD @ 5921'

NEWFIELD



Nine Mile #6-7
2036 FNL & 2070 FWL
SE/NW Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-31776; Lease #UTU-74390



NINE MILE 6-7-9-16

API #43-013-31776

UIC-350.7

Legend

OGM Database View Events

X <all other values>

Status

APD - Aproved Permit

DRL - Spuded (Drilling Commenced)

GIW - Gas Injection

GS - Gas Storage

LA - Location Abandoned

LOC - New Location

OPS - Operation Suspended

PA - Plugged Abandoned

PGW - Producing Gas Well

POW - Producing Oil Well

RET - Returned APD

SGW - Shut-in Gas Well

SOW - Shut-in Oil Well

TA - Temp. Abandoned

TW - Test Well

WDW - Water Disposal

WIW - Water Injection Well

WSW - Water Supply Well

0 0.2 Miles



1870calc = approx cement top calculated from well completion report



August 28, 2008

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Nine Mile #6-7-9-16
Monument Butte Field, Lease #UTU-74390
Section 7-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Nine Mile #6-7-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg
Regulatory Analyst

RECEIVED
SEP 22 2008
DIV. OF OIL, GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF
NEWFIELD PRODUCTION COMPANY FOR
ADMINISTRATIVE APPROVAL OF THE
MONUMENT BUTTE FEDERAL 12-35-8-16, AND
MONUMENT BUTTE FEDERAL 14-35-8-16
WELLS LOCATED IN SECTION 35, TOWNSHIP 8
SOUTH, RANGE 16 EAST; NINE MILE 12-7-9-16,
NINE MILE 2-7-9-16, NINE MILE 6-7-9-16, AND
WEST POINT 8-7-9-16 WELLS LOCATED IN
SECTION 7, TOWNSHIP 9 SOUTH, RANGE 16
EAST; SOUTH WELLS DRAW 12-2-9-16 WELL
LOCATED IN SECTION 2, TOWNSHIP 9 SOUTH,
RANGE 16 EAST, DUCHESNE COUNTY, UTAH,
AS CLASS II INJECTION WELLS

NOTICE OF AGENCY ACTION

CAUSE NO. UIC 350

43 013 31776

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

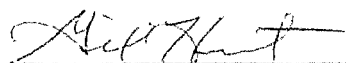
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the Monument Butte Federal 12-35-8-16/Monument Butte Unit well located in NW/4 SW/4 and Monument Butte Federal 14-35-8-16/Monument Butte Unit well located in SE/4 SW/4, Section 35, Township 8 South, Range 16 East; Nine Mile 12-7-9-16/West Point Unit well located in NW/4 SW/4, Nine Mile 2-7-9-16/West Point Unit well located in NW/4 NE/4, Nine Mile 6-7-9-16/West Point Unit well located in SE/4 NW/4, and West Point 8-7-9-16 well located in SE/4 NE/4, Section 7, Township 9 South, Range 16 East; and South Wells Draw 12-2-9-16/South Monument Butte Unit well located in NW/4 SW/4 Section 2, Township 9 South, Range 16 East, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 27th day of October, 2008.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Gil Hunt
Associate Director

Newfield Production Company

**MONUMENT BUTTE FEDERAL 12-35-8-16, MONUMENT BUTTE FEDERAL 14-35-8-16,
NINE MILE 12-7-9-16, NINE MILE 2-7-9-16, NINE MILE 6-7-9-16, WEST POINT 8-7-9-16 AND
SOUTH WELLS DRAW 12-2-9-16**

Cause No. UIC 350

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
PO Box 910
Duchesne, UT 84021

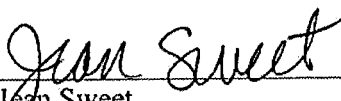
via E-Mail ubs@ubstandard.com and
Facsimile (435) 722-4140
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Dan Jackson
US EPA Region VIII
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

via E-Mail naclegal@mediaoneutah.com
and Facsimile (801) 237-2776
Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

Newfield Production Company
Rt 3 Box 3630
Myton UT 84052

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078



Jean Sweet
Executive Secretary
October 27, 2008

Jean Sweet - RE: Notice of Agency Action - UIC 350

From: "NAC Legal" <naclegal@mediaoneutah.com>
To: "Jean Sweet" <jsweet@utah.gov>
Date: 10/28/2008 2:24 PM
Subject: RE: Notice of Agency Action - UIC 350

Ad #382205 is scheduled to run Oct. 31 and the total charge is \$175.00.

Thank you.

Lynn Valdez
MediaOne of Utah,
a Newspaper Agency Company
4770 South 5600 West
West Valley City, Utah 84118
Ph.: 801-237-2720
Email: naclegal@mediaoneutah.com

From: Jean Sweet [mailto:jsweet@utah.gov]
Sent: Monday, October 27, 2008 2:10 PM
To: naclegal@mediaoneutah.com
Subject: Notice of Agency Action - UIC 350

Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145
via e-mail and fax

RE: Notice of Agency Action - Cause No. UIC 350

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the publish date. Send proof of publication and billing for **account #D5385340L** to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary

Utah Div. of Oil, Gas & Mining

1594 West Temple

Salt Lake City, UT

801-538-5329

jsweet@utah.gov

**NOTICE OF
AGENCY
ACTION
CAUSE NO.
UIC 350**

IN THE MATTER OF
THE APPLICATION OF
NEWFIELD PRODUCTION
COMPANY FOR
ADMINISTRATIVE APPROVAL OF THE MONUMENT BUTTE FEDERAL 12-35-8-16, AND MONUMENT BUTTE FEDERAL 14-35-8-16 WELLS LOCATED IN SECTION 35, TOWNSHIP 8 SOUTH, RANGE 16 EAST, NINE MILE 12-7-9-16, NINE MILE 2-7-9-16, NINE MILE 6-7-9-16, AND WEST POINT 8-7-9-16 WELLS LOCATED IN SECTION 7, TOWNSHIP 9 SOUTH, RANGE 16 EAST; SOUTH WELLS DRAW 12-2-9-16 WELL LOCATED IN SECTION 2, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS

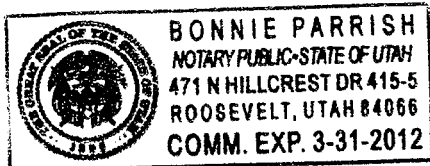
THE STATE OF UTAH
TO ALL PERSONS IN-
TERESTED IN THE
ABOVE ENTITLED
MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the Monument Butte Federal 12-35-8-16/Mon-

object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within five days following

are not taking any

COPY



**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Nine Mile 6-7-9-16

Location: 7/9S/16E **API:** 43-013-31776

Ownership Issues: The proposed well is located on BLM land. The well is located in the West Point Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the West Point Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 284 feet and has a cement top at the surface. A 5½ inch production casing is set at 5908 feet. A cement bond log demonstrates adequate bond in this well up to 3230 feet. A 2 7/8 inch tubing with a packer will be set at 4219. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 10 producing wells and 4 injection wells in the area of review. All of the wells have evidence of adequate casing and cement.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 700 feet. Injection shall be limited to the interval between 4095 feet and 5921 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 6-7-9-16 well is 0.81 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,841 psig. The requested maximum pressure is 1,841 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Nine Mile 6-7-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the West Point Unit on May 14, 1998. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 2/18/2009



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 25, 2009

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, Colorado 80202

Subject: West Point Unit Well; Nine Mile 6-7-9-16, Section 7, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

Gil Hunt
Associate Director

GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Permits\Injection Permits\Newfield Production\West Point Unit



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74390
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: WEST POINT UNIT
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: WEST POINT UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2036 FNL 2070 FWL		8. WELL NAME and NUMBER: NINE MILE 6-7
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 7, T9S, R16E		9. API NUMBER: 4301331776
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

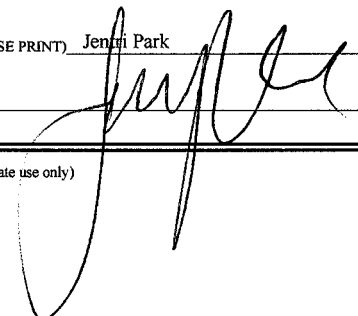
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/21/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well was converted from a producing oil well to an injection well on 06/26/09. On 07/01/09 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test 07/02/09. On 07/02/09 the casing was pressured up to 1350 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

API# 43-013-31776

NAME (PLEASE PRINT) <u>Jennifer Park</u>	TITLE <u>Production Tech</u>
SIGNATURE 	DATE <u>07/21/2009</u>

(This space for State use only)

RECEIVED

JUL 22 2009

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 7/2/09 Time 10:15 am pm

Test Conducted by: David Richens

Others Present: _____

Well:

Field: Monument Butte

6-7-9-16 Nine Mile
Well Location: SE/NW Sec. 7, T9S,
R16E Duchesne County, Utah

API No: 43-013-31776

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1350</u>	psig
5	<u>1350</u>	psig
10	<u>1350</u>	psig
15	<u>1350</u>	psig
20	<u>1350</u>	psig
25	<u>1350</u>	psig
30 min	<u>1350</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 0 psig

Result:

Pass

Fail

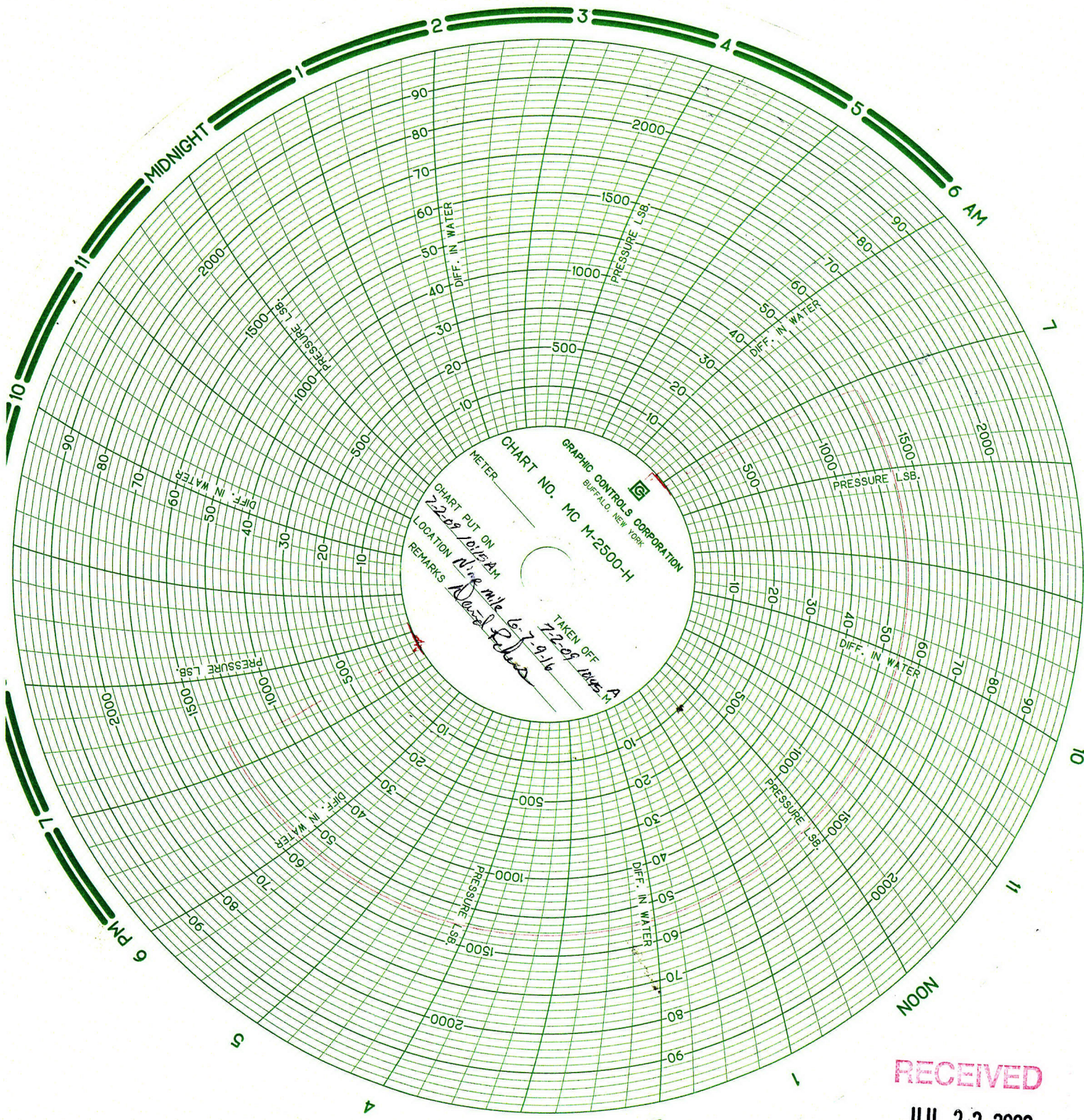
Signature of Witness: _____

Signature of Person Conducting Test: David Richens

RECEIVED

JUL 22 2009

DIV. OF OIL, GAS & MINING



RECEIVED

JUL 22 2009

DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT


Cause No. UIC-350

Operator: Newfield Production Company
Well: Nine Mile 6-7-9-16
Location: Section 7, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-31776
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on February 25, 2009.
2. Maximum Allowable Injection Pressure: 1,841 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,095' – 5,921')

Approved by:


Gil Hunt
Associate Director

8-3-09
Date

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2036 FNL 2070 FWL
SENW Section 7 T9S R16E

5. Lease Serial No.

USA UTU-74390

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
WEST POINT UNIT

8. Well Name and No.
NINE MILE 6-7

9. API Well No.
4301331776

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change status put well
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	on injection

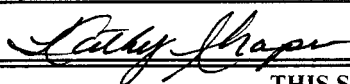
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above reference well was put on injection at 1:00 PM on 8-14-09.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Kathy Chapman

Signature



Title

Office Manager

Date

08/21/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by:

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

AUG 24 2009

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: NINE MILE 6-7-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2036 FNL 2070 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 07 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013317760000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/3/2014	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>On 06/02/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 06/03/2014 the casing was pressured up to 1104 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1760 psig during the test. There was not a State representative available to witness the test.</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 17, 2014</p>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 6/4/2014

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 6/3/14 Time 10:30 am pm
Test Conducted by: Jonny Daniels
Others Present: _____

Well: Nine Mile 6-7-9-16

Field: Monument Butte.

Well Location: SE/NW Sec. 7, T4S, R11E
Duchesne County

API No: 43-013-31776

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1107</u>	psig
5	<u>1107</u>	psig
10	<u>1105</u>	psig
15	<u>1103</u>	psig
20	<u>1102</u>	psig
25	<u>1103</u>	psig
30 min	<u>1104</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1710 psig

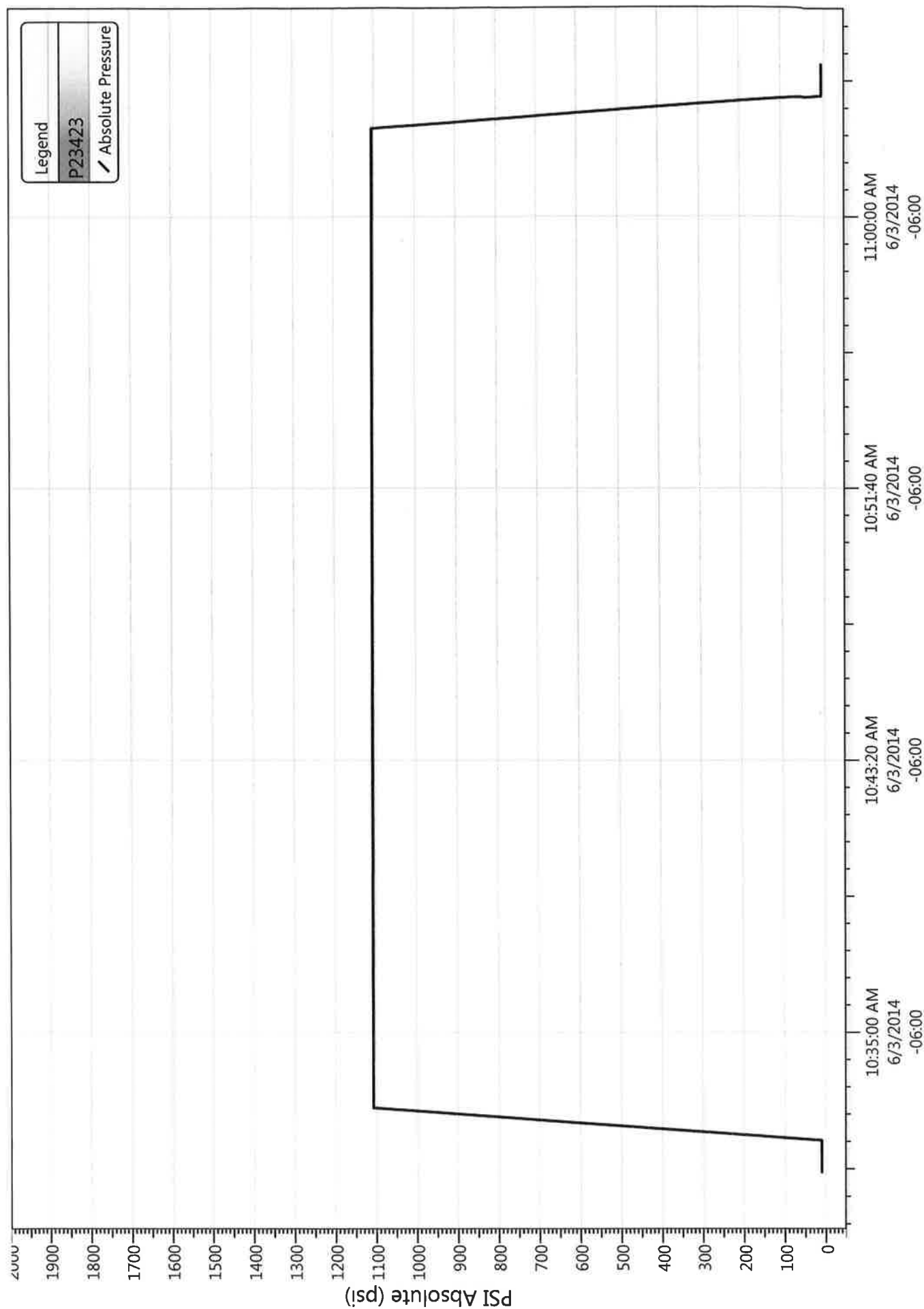
Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Jonny Daniels

Nine Mile 6-7-9-16 (5 year MIT)

6/3/2014 10:30:38 AM



Nine Mile #6-7-9-16

Spud Date: 11 10 97
Put on Production: 4 14 03
GL: 5960' KB: 5972'

Initial Production: 128 BOPD,
128 MCFPD, 10 BWPD

SURFACE CASING

CSG SIZE: 8-5 8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (283.47')
DEPTH LANDED: 284.14' GL
HOLE SIZE: 12-1 4"
CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

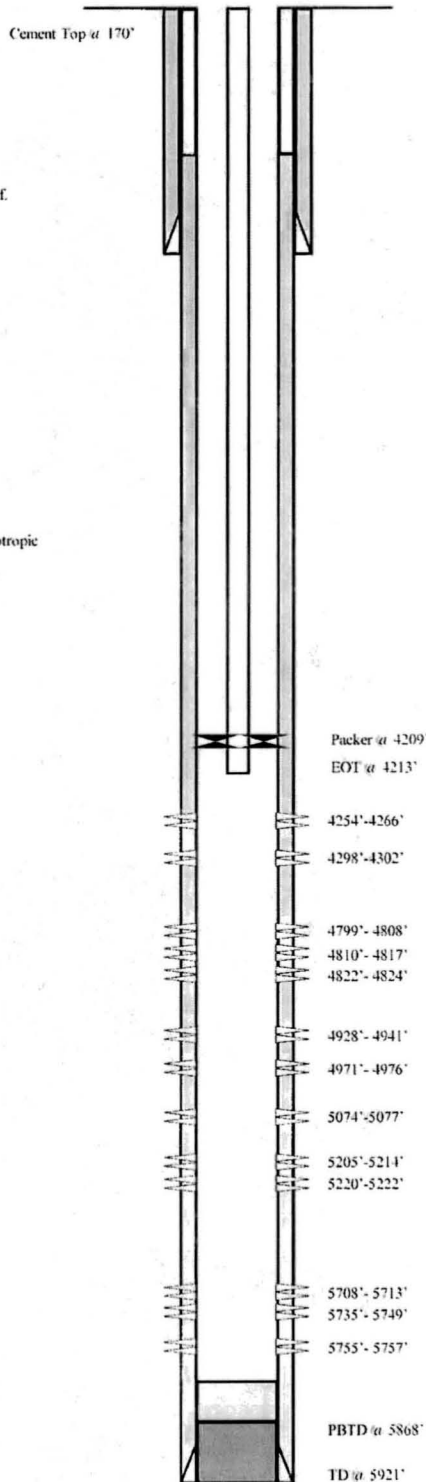
PRODUCTION CASING

CSG SIZE: 5-1 2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5897.53')
DEPTH LANDED: 5908.49'
HOLE SIZE: 7-7 8"
CEMENT DATA: 405 sxs Hibond mixed & 345 sxs thixotropic
CEMENT TOP AT: 170'

TUBING

SIZE GRADE WT: 2 7 8" M-50 6.5#
NO. OF JOINTS: 136 jts (4142.86')
SEATING NIPPLE: 2 7 8" (1.10')
SN LANDED AT: 4204.26' KB
CE (3.25') @ 4208.61
TOTAL STRING LENGTH: EOT @ 4212.64' KB

Injection Wellbore Diagram



FRAC JOB

12/22/97 5708'-5757' Frac C sand as follows:
127,200# of 20-40 sd in 621 bbls Boragel.
Treated @ avg rate 31.2 bpm, avg press 1700
psi. ISIP 2300 psi. Calc. Flush: 5708 gal.
Actual flush: 5955 gal.

12/24/97 4928'-4976' Frac C sand as follows:
111,400# of 20-40 sd in 544 bbls Delta Frac.
Treated @ avg rate of 28 BPM, avg press
1700 psi. ISIP 1873 psi. Calc. Flush: 4928
gal. Actual flush: 4838 gal.

12/30/97 4799'-4824' Frac D sand as follows:
124,300# 20-40 sand in 574 bbls Delta Frac.
Treated w avg press of 1690 psi w avg rate of
28.2 BPM. ISIP 2235 psi. Calc. Flush: 4799
gal. Actual flush: 4695 gal.

7 16 02 Tubing leak. Update rod and tubing details.

04/09/03 5074'-5222' Frac B2 & A1 sands as follows:
48,894# 20-40 sand in 393 bbls Viking I-25
fluid. Treated @ avg. press of 4000 psi with
avg. rate of 18.2 BPM. ISIP 1960 psi. Calc.
Flush: 1,315 gal. Actual flush: 1218 gal.

04/09/03 4254'-4302' Frac GB sands as follows:
68,104# 20-40 sand in 516 bbls Viking I-25
fluid. Treated @ avg. press of 2140 psi with
avg. rate of 26.8 BPM. ISIP 2130 psi. Calc.
flush: 4253 gal. Actual flush: 4158 gal.

05 31 03 Stuck Pump. Update rod detail.

04 19 04 Pump Change.

1 20 09 Parted rods. Updated r & t details.

06 26 09 Convert to Injection Well

07 02 09 MIT completed update the detail

PERFORATION RECORD

Date	Depth Range	Tool	Holes
12 19 97	5708'-5713'	4 JSPF	20 holes
12 19 97	5735'-5749'	4 JSPF	56 holes
12 19 97	5755'-5757'	4 JSPF	8 holes
12 23 97	4928'-4941'	4 JSPF	52 holes
12 23 97	4971'-4976'	4 JSPF	20 holes
12 29 97	4799'-4808'	4 JSPF	36 holes
12 29 97	4810'-4817'	4 JSPF	28 holes
12 29 97	4822'-4824'	4 JSPF	8 holes
04 07 03	4254'-4266'	4 JSPF	48 holes
04 07 03	4298'-4302'	4 JSPF	16 holes
04 07 03	5074'-5077'	4 JSPF	12 holes
04 07 03	5205'-5214'	4 JSPF	36 holes
04 07 03	5220'-5222'	4 JSPF	8 holes

NEWFIELD

Nine Mile #6-7
2036 FNL & 2070 FWL
SE/NW Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-31776; Lease #UTU-74390